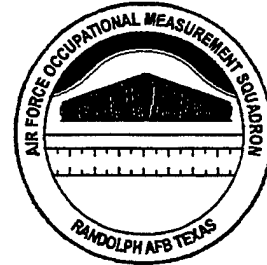




**UNITED STATES
AIR FORCE**



OCCUPATIONAL SURVEY REPORT

AEROSPACE GROUND EQUIPMENT

AFSC 2A6X2

AFPT 90-2A6-064

JANUARY 1997

DTIC QUALITY INSPECTION

**OCCUPATIONAL ANALYSIS PROGRAM
USAF OCCUPATIONAL MEASUREMENT SQUADRON
AIR EDUCATION and TRAINING COMMAND
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PREFACE

This report presents the results of an Air Force Occupational Survey of the Aerospace Ground Equipment (AGE) career ladder, Air Force Specialty Code (AFSC) 2A6X2. Authority for conducting occupational surveys is contained in AFI 36-2623. Computer products upon which this report is based are available for the use of operations and training officials.

The survey instrument was developed by First Lieutenant T. Scott Koons, Inventory Development Specialist, with computer programming support furnished by Ms. Rebecca R. Hernandez. Mr. Richard G. Ramos provided administrative support. Lieutenant Commander Brian R. Thompson, Occupational Analyst, analyzed the data and wrote the final report. This report has been reviewed and approved by Lieutenant Colonel Roger W. Barnes, Chief, Airman Analysis Section, Occupational Analysis Flight, AF Occupational Measurement Squadron (AFOMS).

Copies of this report are distributed to Air Staff sections, major commands, and other interested training and management personnel. Additional copies are available upon request to the AFOMS, Attention: Chief, Occupational Analysis Flight, Randolph AFB Texas 78150-4449 (DSN 487-6623).

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SUMMARY OF RESULTS

1. Survey Coverage: The Aerospace Ground Equipment (AGE) career ladder was surveyed to evaluate changes in the AFSC 2A6X2 career ladder and obtain current task and equipment data for use in evaluating current training programs. Fifty percent of the eligible specialty members were selected as participants. Results are based on responses from 2,536 members (31 percent of the assigned population). Air National Guard (ANG), Air Force Reserve (AFRES) and all major commands are satisfactorily represented in the survey sample.
2. Specialty Jobs: Two clusters and 13 jobs were identified in the career ladder structure analysis. Both entry-level AGE and AGE Mechanic, as well as four independent jobs involve the day-to-day technical responsibilities of the specialty. The supervisor cluster and seven jobs can be categorized as training, staff, or support functions. The entry-level AGE cluster and primary AGE mechanic job are obviously similar, with increasing number of tasks and supervisory duties assigned to the AGE mechanics. The four independent technical jobs are quite distinct from each other, yet share a core of tasks common to most incumbents. Specialty descriptions in AFMAN 36-2108 are complete and generally are accurate portrayals of the nature of the job.
3. Career Ladder Progression: Nearly all 3-skill level personnel perform only technical duties. Although 5-skill level jobs are technically-oriented, they also have a minimal supervisory aspect. Both 7- and 9-skill level members devote most of their time to supervisory/management duties, with the 9-skill level personnel also involved in more evaluation duties. ANG and AFRES personnel tend to perform more technical tasks at the higher skill levels due to limited personnel in the jobs.
4. Training Analysis: Analysis of the Specialty Training Standard (STS) identified several areas which were not well supported by the data, and several tasks with high percent of members performing which were not referenced in the STS. The Plan of Instruction (POI) had seven paragraphs which were not supported by the data, as well as having many technical tasks performed by greater than 30 percent of first-job or first-enlistment members yet not referenced to the POI.
5. Job Satisfaction Analysis: The majority of job satisfaction measures for the AGE sample were high. Group incumbents are about as satisfied as the previous samples, as well as a comparative sample. As might be expected, those jobs and clusters with more experienced personnel tended to have the highest expressed levels of job satisfaction.

6. Implications: The career ladder structure is quite similar to that found in the previous OSR. Career ladder progression is normal, showing a movement away from the technical tasks common at the lower skill levels, as the incumbents move toward the 7- and 9-skill levels. Training documents are somewhat supported, although several areas need review to justify either continued inclusion or exclusion. For this survey, the ANG and the AFRES AFSC 2A6X2 personnel were included in the survey process and the analysis of the career field. While active duty personnel dominate most of the jobs identified, the ANG and AFRES seem to be doing the same basic jobs as their active duty counterparts, albeit they are not as specialized.

**OCCUPATIONAL SURVEY REPORT (OSR)
AEROSPACE GROUND EQUIPMENT CAREER LADDER
(AFSC 2A6X2)**

INTRODUCTION

This is a report of an occupational survey of the Aerospace Ground Equipment (AGE) career ladder (AFSC 2A6X2) conducted by the Occupational Analysis Flight, Air Force Occupational Measurement Squadron. The survey was conducted to obtain current job and task data. Data collected through this OSR will be utilized by training development personnel to review courses and related training documents in light of equipment and utilization changes which have occurred since the last OSR. The career ladder was last surveyed as AFSC 454X1 (converted to AFSC 2A6X6 effective 31 October 1993), and the subsequent OSR is dated January 1992.

Background

As described in the AFMAN 36-2108 *Specialty Description* for AFSC 2A6X2, dated 31 October 1994, members maintain, inspect, troubleshoot, repair, overhaul, and modify AGE to support aircraft systems or subsystems; operate towing vehicles for powered support equipment movement; inspect, troubleshoot, and repair Theater Air Control Systems (TACS) equipment; advise on problems encountered in repairing, maintaining, and modifying AGE; plan, organize, direct, inspect, and evaluate AGE maintenance activities.

All members are required to attend the J3ABR2A632-001, AGE Apprentice/MRT Course. The course, offered at Sheppard AFB, is 106 days long. The AGE Craftsman Course, J3AARA672-000, is 7 weeks and 3 days long. The J3AZR2A652-000 TACS course is 5 weeks and 1 day in length. Entry into the career ladder currently requires Armed Forces Vocational Aptitude Battery minimum scores of 51 Mechanical and 33 Electronic, and the strength factor of H (weight lift of 50 lbs) must be met or exceeded.

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SURVEY METHODOLOGY

Inventory Development

The data collection instrument for this occupational survey was USAF Job Inventory (JI) AFPT 90-2A6-064, dated August 1995. The Inventory Developer prepared a tentative task list by reviewing pertinent career ladder publications, directives, and the previous JI and OSR. This task list was further refined and validated through personal interviews with 61 subject-matter experts representing a variety of major commands (MAJCOMs) at the following locations:

| BASE | UNIT VISITED |
|----------------------|--------------|
| Sheppard AFB TX | 361 TRS/TRO |
| Eglin AFB FL | 33 MS/MAG |
| Dyess AFB TX | 7 EMS/MAG |
| Tinker AFB OK | 552 MS/MAG |
| Holloman AFB NM | 49 MXF/MAG |
| Cannon AFB NM | 27 EMS/EMG |
| Nellis AFB NV | 57 EMS/EMGF |
| Barksdale AFB LA | 2 MNXS/LGMG |
| Travis AFB CA | 60 CRS/MACG |
| Mountain Home AFB ID | 366 MXS/MAG |

The resulting JI contained a comprehensive listing of 959 tasks grouped under 22 duty headings with a background section requesting such information as grade, MAJCOM assigned, job title, time in present job, time in service, job satisfaction, functional area, type of facility, organizational level, training completed, and equipment and forms used.

Survey Administration

In December 1995 there were 8,236 members assigned to the career ladder. Fifty percent of the eligible population were selected by a random stratified selection process for participation in the survey. Base Training Offices at operational bases worldwide administered the inventory to 3,783 eligible AFSC 2A6X2 members. Personnel excluded from taking the survey comprised the following: (1) personnel in transition for a permanent change of station; (2) personnel retiring during the time inventories were administered to the field; and (3) personnel in their job less than 6 weeks. Participants were selected from a computer-generated mailing list obtained from personnel data tapes maintained by the Air Force Personnel Center, Randolph AFB TX.

Each individual who completed the inventory first filled in identification and biographical information section and then checked each task performed in the member's current job. After checking all tasks performed, respondents then rated each task on a 9-point scale showing relative time spent on that task, as compared to all other tasks checked. The ratings ranged from 1 (very small amount of time spent) through 5 (about average time spent) to 9 (very large amount of time spent).

In order to determine relative time spent for each task checked by a respondent, all of the incumbent's ratings are assumed to account for 100 percent of the member's time spent on the job. First, the ratings are summed. Each task rating is then divided by the sum of task ratings and multiplied by 100 to provide a relative percentage of time for each task. This procedure provides a basis for comparing tasks in terms of both percent members performing and average percent time spent.

Survey Sample

The final AFSC 2A6X2 survey sample includes responses from 2,536 AGE job incumbents. Table 1 reflects the MAJCOM distribution of assigned AFSC 2A6X2 personnel. The 2,536 respondents represent 31 percent of the assigned population, and 67 percent of those surveyed. Table 2 reflects the distribution by paygrade and component status. Although the Air Force Reserve (AFRES) and Air National Guard (ANG) survey sample appears overrepresented at the E-5 and E-6 paygrades, it is considered a good proportional representation of paygrades in the assigned population.

Task Factor Administration

Job descriptions alone do not provide sufficient data for making decisions about career ladder documents or training programs. Task factor information is needed for a complete analysis of the career ladder. To obtain the needed task factor data, selected senior AFSC 2A6X2 personnel (generally E-6 or E-7 craftsmen) also completed a second booklet for either training emphasis (TE) or task difficulty (TD). These booklets were processed separately from the JIs. This information is used in a number of different analyses discussed in more detail within the report.

Training Emphasis (TE). TE is a rating of the amount of emphasis that should be placed on tasks in entry-level training. The 70 senior AFSC 2A6X2 NCOs who completed the TE booklet were asked to select tasks they felt required some sort of structured training for entry-level personnel and then indicate how much training emphasis these tasks should receive, from 1 (extremely low emphasis) to 9 (extremely high emphasis). Structured training is defined as training provided by resident technical schools, field training detachments (FTD), mobile training teams, formal on-the-job training (OJT), or any other organized training method. In this career ladder, the average

TABLE 1

MAJCOM REPRESENTATION OF SURVEY SAMPLE

| MAJCOM | PERCENT OF ASSIGNED* | PERCENT OF SAMPLE |
|--------|-------------------------|----------------------|
| ACC | 31 | 32 |
| ANG | 23 | 20 |
| AMC | 10 | 12 |
| PACAF | 9 | 11 |
| AFRES | 11 | 8 |
| AETC | 6 | 7 |
| USAFE | 6 | 6 |
| AFSOC | 2 | 2 |
| AFMC | 2 | 2 |

TOTAL ASSIGNED = 8,236

TOTAL SURVEYED = 3,783

TOTAL IN SAMPLE = 2,536

PERCENT OF ASSIGNED IN SAMPLE = 31%

PERCENT OF SURVEYED IN SAMPLE = 67%

* As of December 1995

TABLE 2

PAYGRADE DISTRIBUTION OF SAMPLE

| PAYGRADE | PERCENT OF ACTIVE DUTY | | PERCENT OF AIR RESERVE | | PERCENT OF AIR GUARD | |
|----------|---------------------------|--------|---------------------------|--------|-------------------------|--------|
| | ASSIGNED* | SAMPLE | ASSIGNED* | SAMPLE | ASSIGNED* | SAMPLE |
| E-2 | 7 | 6 | 0 | 0 | 1 | 1 |
| E-3 | 17 | 19 | 1 | 1 | 3 | 3 |
| E-4 | 27 | 27 | 11 | 6 | 17 | 11 |
| E-5 | 25 | 24 | 49 | 51 | 38 | 41 |
| E-6 | 12 | 13 | 24 | 29 | 25 | 28 |
| E-7 | 10 | 9 | 12 | 12 | 12 | 11 |
| E-8 | 2 | 1 | 3 | 2 | 4 | 5 |

* As of December 1995

TE rating was 2.50, with a standard deviation of 1.40. Tasks rated above 3.90 are high in TE and should be seriously considered for tech school training. The interrater reliability was found to be acceptable.

Task Difficulty (TD). Task difficulty is an estimate of the amount of time the average airman needs to learn to perform a task satisfactorily. The 84 senior NCOs who completed TD booklets were asked to rate the difficulty of each task using a 9-point scale (from 1 (extremely low) to 9 (extremely high)). TD data were independently collected from 84 experienced 7-skill level personnel and interrater reliability was found acceptable. Ratings were standardized so tasks have an average difficulty rating of 5.00, with a standard deviation of 1.00. Any task with a TD rating of 6.00 or above is considered to be difficult to learn. The resulting data yield essentially a rank ordering of tasks indicating the degree of difficulty for each task in the inventory. When used in conjunction with the primary criterion of percent members performing, TD ratings can provide insight into first-enlistment personnel training requirements. Such insights may suggest a need for lengthening or shortening portions of instruction supporting entry-level jobs.

SPECIALTY JOBS (Career Ladder Structure)

Each Air Force occupational analysis begins with an examination of the career ladder structure. The structure of jobs within the AGE career ladder was examined on the basis of similarity of tasks performed and the percent of time spent ratings provided by job incumbents, independent of other specialty background factors.

Each individual in the sample performs a set of tasks called a *Job*. A hierarchical grouping program, which is a basic part of the Comprehensive Occupational Data Analysis Program system, creates an individual job description for each respondent (all the tasks performed by that individual and the relative amount of time spent on those tasks). It then compares each job description to every other job description in terms of tasks performed and the relative amount of time spent on each task in the JI. The automated system locates the two job descriptions with the most similar tasks and percent time ratings and combines them to form a composite job description. In successive stages, the system adds new members to the initial group or forms new groups based on the similarity of tasks performed and similar time ratings in the individual job descriptions.

When there is a substantial degree of similarity between jobs, they are grouped together and identified as a *Cluster*. The job structure resulting from this grouping process (the various jobs and clusters within the career ladder) can be used to evaluate the accuracy of career ladder documents (Career Field Education and Training Plans (CFETP), AFMAN 36-2108 *Specialty Description*, and Specialty Training Standards (STS)), and to gain a better understanding of current utilization patterns.

Overview of Specialty Jobs

Based on the similarity of tasks performed and the amount of time spent performing each task, 2 clusters and 13 jobs were identified within the AFSC 2A6X2 survey sample. A listing of these is provided below and illustrated in Figure 1. The stage (STG) and group (GP) numbers shown beside each title references computer-generated information; and the letter "N" stands for the number of personnel in each group.

- I. ENTRY LEVEL AEROSPACE GROUND EQUIPMENT (AGE) MECHANIC CLUSTER (STG165, N=227)
- II. AGE MECHANIC (STG229, N=1,339)
- III. DISPATCHER (STG280, N=14)
- IV. HEATING SYSTEMS MECHANIC (STG237, N=11)
- V. PREOPERATIONS OR SERVICE INSPECTIONS (STG224, N=18)
- VI. THEATER AIR CONTROL SYSTEMS (TACS) MAINTENANCE (GP037, N=102)
- VII. COMBAT AGE TEAM LEADER (STG219, N=72)
- VIII. MUNITIONS AGE MECHANIC (STG218, N=21)
- IX. FIELD TRAINING DETACHMENT (FTD) INSTRUCTOR (STG167, N=10)
- X. BENCH STOCK MONITOR (STG254, N=24)
- XI. PRODUCTION SUPPORT (STG368, N=25)
- XII. QUALITY ASSURANCE (QA) INSPECTOR (STG150, N=22)
- XIII. SUPERVISOR CLUSTER (STG112, N=280)
- XIV. MOBILITY MANAGER (STG247, N=10)
- XV. ENVIRONMENTAL MANAGER (STG442, N=11)

AEROSPACE GROUND EQUIPMENT JOBS

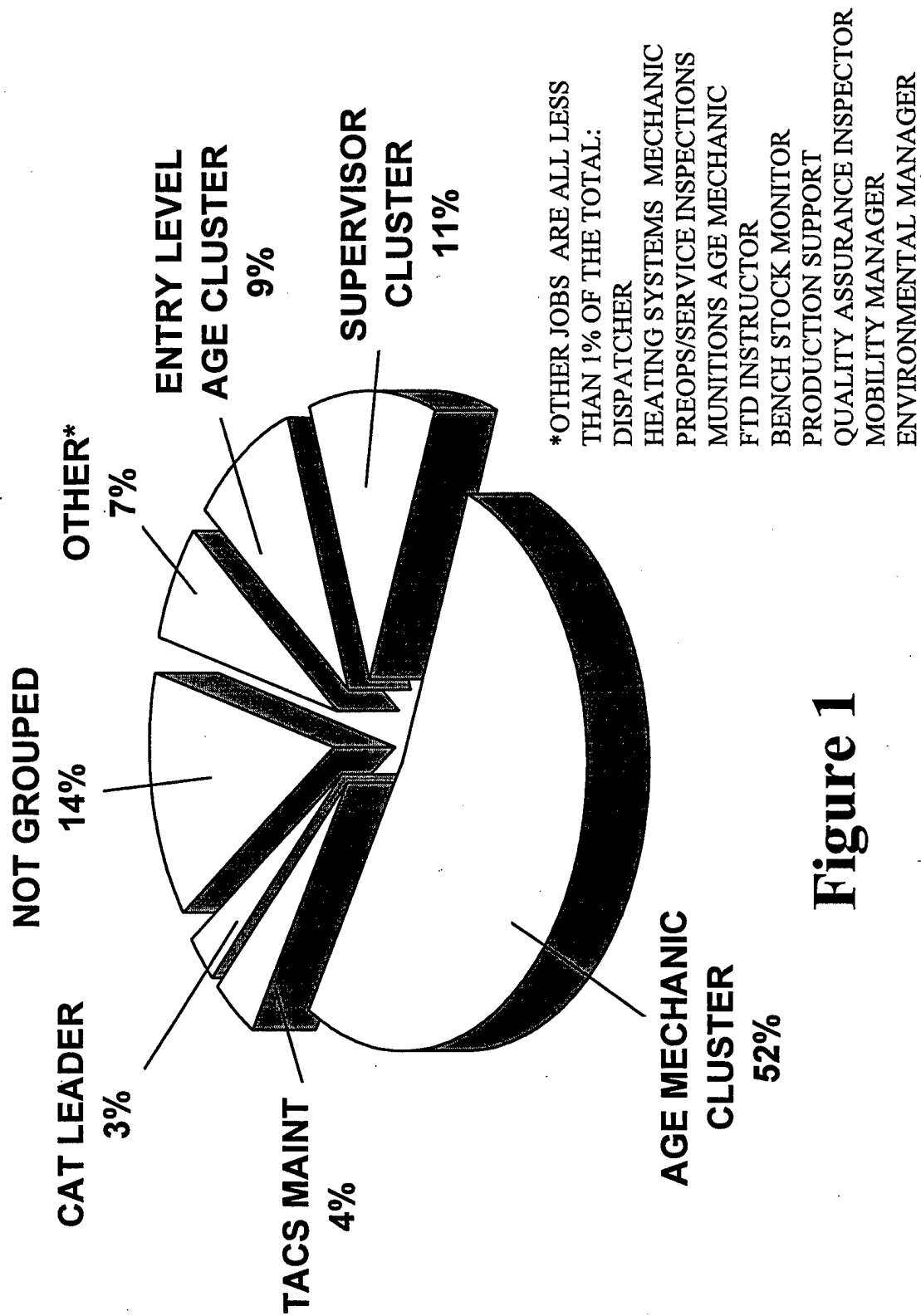


Figure 1

The respondents forming these groups account for 86 percent of the survey sample. The remaining 14 percent are performing tasks or a series of tasks which do not group with any of the defined jobs. Some job titles for these individuals include: LAN Administrator, PC Specialist, Quality Adviser, Information Management Coordinator, Squadron Security Manager, and Gold Flag Acquisition Monitor.

Group Descriptions

The following paragraphs contain brief descriptions of the jobs identified through the career ladder structure analysis. Also presented are two tables which reflect the time incumbents spend on duties and selected background data for each group. Table 3 presents the relative time spent by respondents in each job across each duty in the JI. Table 4 displays selected background information, such as DAFSC distributions across each group, average of Total Active Federal Military Service (TAFMS), and average number of tasks performed. Appendix A at the back of this OSR lists representative tasks performed by members of each group.

I. ENTRY LEVEL AEROSPACE GROUND EQUIPMENT (AGE) MECHANIC CLUSTER (STG165, N=227). Members in this cluster are at the entry level of the career ladder. Personnel in this cluster are junior, having an average of 53 months TAFMS, 69 percent are in their first enlistment and the predominant paygrades are E-3 and E-4. Twenty-eight percent of their time on tasks relate to the conduct of operational or service inspections, with another 14 percent spent performing dispatch duties. What distinguishes this cluster from the core job is the fact that they only perform an average of 99 tasks, whereas the main AGE cluster performs an average of 300 tasks. Both jobs identified within this cluster spend a significant amount of time either picking up or delivering AGE. They varied only slightly from each other in that one group maintained AGE electrical systems and engines, while the other group spent more time performing periodic inspections. Some of the average entry level tasks performed include:

- perform operational checks of air compressors
- perform operational checks of heaters
- perform service inspections on air compressors
- perform service inspections on floodlight sets
- perform operational checks of floodlight sets
- perform service inspections on heaters

II. AGE MECHANIC (STG229, N=1,339). Members of this job represent the core job of the career ladder and they inspect and maintain a wide variety of AGE equipment. The members of this job predominately hold the rank of E-4 (26 percent) or E-5 (36 percent), and average 92 months TAFMS. Two thirds or 66 percent of the job members are active duty with 23 percent ANG and the remaining 11 percent AFRES. Some general tasks of this job include:

TABLE 3

AVERAGE PERCENT TIME SPENT ON DUTIES BY AFSC 2A6X2 JOB GROUPS
(RELATIVE PERCENT OF JOB TIME)

| DUTIES | DISPATCH | HEATING SYSTEMS MECHANIC | ENTRY LEVEL AGE | PREOPS/ SERVICE INSPECT | AGE MECHANIC |
|---|----------|--------------------------------|-----------------------|-------------------------------|-----------------|
| A ORGANIZING AND PLANNING | 1 | 1 | * | 3 | 1 |
| B DIRECTING AND IMPLEMENTING | * | 1 | * | 3 | 1 |
| C INSPECTING AND EVALUATING | 1 | 1 | * | 5 | 1 |
| D TRAINING | 2 | * | * | 1 | 1 |
| E PERFORMING GENERAL PRODUCTION SUPPORT TASKS | 3 | 3 | 3 | 8 | 5 |
| F PERFORMING OPERATIONAL OR SERVICE INSPECTIONS | 35 | 18 | 28 | 43 | 15 |
| G PERFORMING ANNUAL INSPECTIONS | 2 | 11 | 7 | 20 | 8 |
| H MAINTAINING AEROSPACE GROUND EQUIPMENT (AGE) ELECTRICAL SYSTEMS | 6 | 9 | 9 | 4 | 11 |
| I MAINTAINING AGE ELECTRONIC SYSTEMS | 1 | 1 | 2 | * | 3 |
| J MAINTAINING AGE ENGINES | 4 | 8 | 8 | 1 | 13 |
| K MAINTAINING AGE MOTORS OR GENERATORS | 2 | 2 | 2 | * | 3 |
| L MAINTAINING AGE HEATING SYSTEMS | 3 | 21 | 5 | 1 | 6 |
| M MAINTAINING AGE REFRIGERATION SYSTEMS OR EQUIPMENT COOLERS | * | * | * | * | 2 |
| N MAINTAINING AGE TEST STANDS, BOMB LIFTS, OR GROUND SERVICING HYDRAULIC SYSTEMS | * | 1 | 2 | * | 5 |
| O MAINTAINING AGE PNEUMATIC SYSTEMS | * | 2 | 2 | * | 5 |
| P MAINTAINING AGE ENCLOSURES, CHASSIS, OR DRIVES | 2 | 12 | 8 | 2 | 8 |
| Q MAINTAINING MOBILE THEATER AIR CONTROL SYSTEM (TACS) EQUIPMENT | * | * | * | * | * |
| R DISPATCHING AGE | 34 | 4 | 14 | 4 | 6 |
| S MAINTAINING SPECIAL TOOLS OR SHOP EQUIPMENT | * | 2 | 1 | * | 2 |
| T PERFORMING AGE QUALITY VERIFICATION TASKS | * | * | * | * | * |
| U PERFORMING NONPOWERED AGE MAINTENANCE | * | 1 | 2 | 1 | 3 |
| V PERFORMING CROSS UTILIZATION TRAINING (CUT) TASKS | * | * | * | * | * |

* Denotes Less than 1 percent

NOTE: Columns may not add to 100 percent due to rounding

TABLE 3 (CONTINUED)

AVERAGE PERCENT TIME SPENT ON DUTIES BY AFSC 2A6X2 JOB GROUPS
(RELATIVE PERCENT OF JOB TIME)

| DUTIES | THEATER AIR CONTROL SYSTEMS | COMBAT AGE TEAM LEADER | MUNITIONS AGE MECHANIC | FTD INSTRUCTOR | BENCH STOCK MONITOR |
|---|-----------------------------------|------------------------------|------------------------------|-------------------|---------------------------|
| A ORGANIZING AND PLANNING | 2 | 8 | 3 | 3 | 9 |
| B DIRECTING AND IMPLEMENTING | 2 | 9 | 4 | 6 | 11 |
| C INSPECTING AND EVALUATING | 2 | 8 | 5 | 4 | 6 |
| D TRAINING | 3 | 6 | 3 | 17 | 1 |
| E PERFORMING GENERAL PRODUCTION SUPPORT TASKS | 5 | 14 | 9 | 3 | 24 |
| F PERFORMING OPERATIONAL OR SERVICE INSPECTIONS | 8 | 14 | 11 | 14 | 1 |
| G PERFORMING ANNUAL INSPECTIONS | 2 | 2 | 6 | * | * |
| H MAINTAINING AEROSPACE GROUND EQUIPMENT (AGE) ELECTRICAL SYSTEMS | 16 | 6 | 17 | 8 | * |
| I MAINTAINING AGE ELECTRONIC SYSTEMS | 7 | 2 | 9 | 7 | * |
| J MAINTAINING AGE ENGINES | 14 | 5 | * | 11 | * |
| K MAINTAINING AGE MOTORS OR GENERATORS | 4 | 2 | 1 | 3 | * |
| L MAINTAINING AGE HEATING SYSTEMS | 3 | 3 | * | 8 | * |
| M MAINTAINING AGE REFRIGERATION SYSTEMS OR EQUIPMENT COOLERS | 1 | * | * | 3 | * |
| N MAINTAINING AGE TEST STANDS, BOMB LIFTS, OR GROUND SERVICING HYDRAULIC SYSTEMS | * | 2 | 8 | 6 | * |
| O MAINTAINING AGE PNEUMATIC SYSTEMS | * | 2 | 2 | 2 | * |
| P MAINTAINING AGE ENCLOSURES, CHASSIS, OR DRIVES | 4 | 3 | 5 | 2 | * |
| Q MAINTAINING MOBILE THEATER AIR CONTROL SYSTEM (TACS) EQUIPMENT | 16 | * | * | * | * |
| R DISPATCHING AGE | 4 | 6 | 4 | * | 6 |
| S MAINTAINING SPECIAL TOOLS OR SHOP EQUIPMENT | 3 | 3 | * | 1 | 39 |
| T PERFORMING AGE QUALITY VERIFICATION TASKS | 1 | 4 | 2 | * | * |
| U PERFORMING NONPOWERED AGE MAINTENANCE | * | 2 | * | * | * |
| V PERFORMING CROSS UTILIZATION TRAINING (CUT) TASKS | * | * | * | * | * |

* Denotes less than 1 percent

NOTE: Columns may not add to 100 percent due to rounding

TABLE 3 (CONTINUED)

AVERAGE PERCENT TIME SPENT ON DUTIES BY AFSC 2A6X2 JOB GROUPS
(RELATIVE PERCENT OF JOB TIME)

| DUTIES | PRODUCTION SUPPORT | QUALITY ASSURANCE | | | SUPERVISOR CLUSTER | MOBILITY MANAGER | ENVIRON MANAGER |
|---|-----------------------|----------------------|-----------|-----------|-----------------------|---------------------|--------------------|
| | | INSPECTOR | INSPECTOR | INSPECTOR | | | |
| A ORGANIZING AND PLANNING | 8 | 5 | 19 | 25 | 18 | | |
| B DIRECTING AND IMPLEMENTING | 7 | 15 | 21 | 31 | 37 | | |
| C INSPECTING AND EVALUATING | 4 | 26 | 22 | 27 | 18 | | |
| D TRAINING | * | 4 | 9 | 3 | 4 | | |
| E PERFORMING GENERAL PRODUCTION SUPPORT TASKS | 60 | 7 | 16 | 13 | 18 | | |
| F PERFORMING OPERATIONAL OR SERVICE INSPECTIONS | * | 14 | 3 | * | * | | |
| G PERFORMING ANNUAL INSPECTIONS | * | 1 | * | * | * | | |
| H MAINTAINING AEROSPACE GROUND EQUIPMENT (AGE) | * | * | * | * | * | | |
| ELECTRICAL SYSTEMS | | | | | | | |
| I MAINTAINING AGE ELECTRONIC SYSTEMS | * | * | * | * | * | | |
| J MAINTAINING AGE ENGINES | * | * | * | * | * | | |
| K MAINTAINING AGE MOTORS OR GENERATORS | * | * | * | * | * | | |
| L MAINTAINING AGE HEATING SYSTEMS | * | * | * | * | * | | |
| M MAINTAINING AGE REFRIGERATION SYSTEMS OR EQUIPMENT COOLERS | * | * | * | * | * | | |
| N MAINTAINING AGE TEST STANDS, BOMB LIFTS, OR GROUND SERVICING HYDRAULIC SYSTEMS | * | * | * | * | * | | |
| O MAINTAINING AGE PNEUMATIC SYSTEMS | * | * | * | * | * | | |
| P MAINTAINING AGE ENCLOSURES, CHASSIS, OR DRIVES | * | * | * | * | * | | |
| Q MAINTAINING MOBILE THEATER AIR CONTROL SYSTEM (TACS) EQUIPMENT | * | * | * | * | * | | |
| R DISPATCHING AGE | * | * | 2 | * | 3 | | |
| S MAINTAINING SPECIAL TOOLS OR SHOP EQUIPMENT | 16 | 2 | 3 | * | 2 | | |
| T PERFORMING AGE QUALITY VERIFICATION TASKS | 2 | 24 | 3 | 2 | * | | |
| U PERFORMING NONPOWERED AGE MAINTENANCE | * | * | * | * | * | | |
| V PERFORMING CROSS UTILIZATION TRAINING (CUT) TASKS | * | * | * | * | * | | |

* Denotes Less than 1 percent

NOTE: Columns may not add to 100 percent due to rounding

TABLE 4

SELECTED BACKGROUND DATA FOR AFSC 2A6X2 CAREER LADDER JOBS

| | DISPATCHER (STG280) | HEATING SYSTEMS MECHANIC (STG237) | ENTRY LEVEL AGE MECH CLUSTER (STG165) | PREOPERATIONS OR SERVICE INSPECTIONS (STG224) | AGE MECHANIC (STG229) |
|--|------------------------|--|--|--|-----------------------------|
| NUMBER IN GROUP | 14 | 11 | 227 | 18 | 1339 |
| PERCENT OF SAMPLE | * | * | 9% | * | 53% |
| PERCENT IN CONUS | 86% | 55% | 80% | 83% | 82% |
| DAFSC DISTRIBUTION: | | | | | |
| 2A632 | 50% | 45% | 52% | 22% | 21% |
| 2A652 | 43% | 18% | 38% | 50% | 46% |
| 2A672 | 7% | 36% | 10% | 28% | 32% |
| 2A692 | 0 | 0 | 0 | 0 | 0 |
| COMPONENT STATUS | | | | | |
| ACTIVE DUTY | 79% | 91% | 77% | 88% | 66% |
| GUARD | 14% | 9% | 15% | 6% | 23% |
| RESERVE | 7% | 0 | 8% | 6% | 11% |
| PREDOMINANT PAYGRADE(S) | | | | | |
| AVG MONTHS IN SERVICE | E-3/E-4 60 | E-5 68 | E-3/E-4 53 | E-4 91 | E-4/E-5 92 |
| (TAFMS) - ACTIVE DUTY ONLY | | | | | |
| PERCENT FIRST ENLISTMENT - ACTIVE DUTY ONLY | 64% | 54% | 69% | 45% | 41% |
| AVG NUMBER OF TASKS | | | | | |
| PERFORMED | 48 | 106 | 99 | 83 | 300 |
| PERCENT SUPERVISING | | | | | |
| | 21% | 27% | 13% | 44% | 38% |

* Less than 1 percent

TABLE 4 (CONTINUED)

SELECTED BACKGROUND DATA FOR AFSC 2A6X2 CAREER LADDER JOBS

| | THEATER AIR CONTROL SYSTEMS (GP037) | COMBAT AGE TEAM LEADER (STG219) | MUNITIONS AGE MECHANIC (STG218) | FTD INSTRUCTOR (STG167) | BENCH STOCK MONITOR (STG254) |
|--|--|--|--|-------------------------------|---------------------------------------|
| NUMBER IN GROUP | 102 | 72 | 21 | 10 | 24 |
| PERCENT OF SAMPLE | 4% | 3% | * | * | * |
| PERCENT IN CONUS | 95% | 72% | 100% | 80% | 58% |
| DAFSC DISTRIBUTION: | | | | | |
| 2A632 | 14% | 0 | 5% | 0 | 13% |
| 2A652 | 46% | 7% | 62% | 30% | 67% |
| 2A672 | 33% | 92% | 33% | 70% | 21% |
| 2A692 | 7% | 1% | 0 | 0 | 0 |
| COMPONENT STATUS | | | | | |
| ACTIVE DUTY | 46% | 90% | 90% | 100% | 100% |
| GUARD | 54% | 7% | 10% | 0 | 0 |
| RESERVE | 0 | 3% | 0 | 0 | 0 |
| PREDOMINANT PAYGRADE(S) | | | | | |
| AVG MONTHS IN SERVICE | E-5/E-6 117 | E-6 81 | E-4/E-5 112 | E-6 153 | E-4 87 |
| (TAFMS) - ACTIVE DUTY ONLY | | | | | |
| PERCENT FIRST ENLISTMENT - ACTIVE DUTY ONLY | 38% | 3% | 24% | 0 | 16% |
| AVG NUMBER OF TASKS PERFORMED | | | | | |
| PERCENT SUPERVISING | 226 | 202 | 155 | 101 | 31 |
| | 46% | 94% | 57% | 30% | 17% |

* Less than 1 percent

TABLE 4 (CONTINUED)

SELECTED BACKGROUND DATA FOR AFSC 2A6X2 CAREER LADDER JOBS

| | PRODUCTION SUPPORT (STG368) | QUALITY ASSURANCE INSPECTOR (STG150) | SUPERVISOR CLUSTER (STG112) | MOBILITY MANAGER (STG247) | ENVIRONMENTAL MANAGER (STG442) |
|--|-----------------------------------|---|-----------------------------------|---------------------------------|--------------------------------------|
| NUMBER IN GROUP | 25 | 22 | 280 | 10 | 11 |
| PERCENT OF SAMPLE | * | * | 11% | * | * |
| PERCENT IN CONUS | 84% | 73% | 78% | 70% | 73% |
| DAFSC DISTRIBUTION: | | | | | |
| 2A632 | 0 | 0 | 0 | 0 | 0 |
| 2A652 | 72% | 0 | 8% | 10% | 27% |
| 2A672 | 28% | 95% | 74% | 90% | 73% |
| 2A692 | 0 | 5% | 19% | 0 | 0 |
| COMPONENT STATUS | | | | | |
| ACTIVE DUTY | 96% | 73% | 86% | 100% | 100% |
| GUARD | 0 | 27% | 10% | 0 | 0 |
| RESERVES | 4% | 0 | 4% | 0 | 0 |
| PREDOMINANT PAYGRADE(S) | | | | | |
| AVG MONTHS IN SERVICE | E-4 106 | E-5 165 | E-7 199 | E-7 176 | E-5 160 |
| (TAFMS) ACTIVE DUTY ONLY | | | | | |
| PERCENT FIRST ENLISTMENT - ACTIVE DUTY ONLY | 0 | 9% | 4% | 0 | 0 |
| AVG NUMBER OF TASKS PERFORMED | | | | | |
| PERCENT SUPERVISING | 48 | 65 | 92 | 29 | 30 |
| | 36% | 18% | 95% | 40% | 18% |

* Less than 1 percent

- perform operational checks of air compressors
- perform operational checks of heaters
- perform operational checks of floodlight sets
- perform service inspections on air compressors
- perform service inspections on floodlight sets
- remove or install batteries

III. DISPATCHER (STG280, N=14). Incumbents of this job perform an average of 48 tasks, largely to ensure that AGE gets to where it is needed, when it is needed. Representing less than 1 percent of the survey sample, these members spend 35 percent of their time on tasks related to operational or service inspections, and 34 percent on tasks related to AGE dispatch. Sixty-four percent of the dispatcher members are in their first enlistment, with an average TAFMS of 60 months, and the predominant paygrades are E-3 and E-4. Their work operating and fueling AGE vehicles and operating two-way vehicle radios distinguishes them from other AFSC 2A6X2 personnel. Distinctive tasks performed include:

- perform service inspections on air compressors
- operate two-way vehicle radios
- fuel AGE
- pick up or deliver AGE
- position AGE to aircraft
- operate AGE tow vehicles

IV. HEATING SYSTEMS MECHANIC (STG237, N=11). Comprising less than 1 percent of the survey sample, personnel in this job spend 21 percent of their time maintaining AGE heating systems and 18 percent of their time on operational checks or service inspection tasks. They have an average TAFMS of 68 months with 36 percent having a paygrade of E-5. Forty-five percent of these members report they are assigned to units outside the United States. Members perform an average of 107 tasks with commonly performed tasks including:

- perform operational checks of heaters
- adjust heater ignitor gaps
- perform periodic inspections on heaters
- perform operational checks of floodlight sets
- pack wheel bearings
- troubleshoot heater malfunctions

V. PREOPERATIONS OR SERVICE INSPECTIONS (STG224, N=18). Comprising less than 1 percent of the survey sample, members of this job spend 43 percent of their time performing operational or service inspections. On average, these personnel perform 83 tasks and have 91 months TAFMS. The most predominant rank is E-4 (39 percent) and 50 percent of the job members are 5-level. Some representative tasks for the job include:

- perform operational checks of air compressors
- perform operational checks of nonpowered AGE maintenance stands
- perform service inspections on air compressors
- perform periodic inspections on generators
- perform operational checks of generators
- perform operational checks of floodlight sets

VI. THEATER AIR CONTROL SYSTEMS (TACS) MAINTENANCE (GP037, N=102). Members of this job distinguish themselves from all other AGE jobs in that they are the only members who spend time (16 percent) maintaining mobile TACS equipment. Over half of the TACS job members are ANG (54 percent) and 31 percent of the active duty members serve in Air Combat Command. Survey respondents indicated that they also spend 16 percent of their time maintaining AGE electrical systems. Members perform an average of 226 tasks, which is the largest number of tasks of all AGE jobs. Members in this job average 117 months TAFMS, and generally hold either the paygrade of E-5 (34 percent) or E-6 (25 percent). Some of the common tasks for this job include:

- remove or install grounding rods
- remove or install battery cables
- remove or install electrical fuses
- remove or install camouflage stakes
- drive in vehicle convoys
- adjust belt tensions

VII. COMBAT AGE TEAM LEADER (STG219, N=72). Members of this job spend time performing general production support tasks (14 percent) or periodic inspections (14 percent). Ninety-four percent of these job members reported that they act as supervisors and 92 percent are 7-skill level. Members perform an average of 202 tasks, and over half (51 percent) are E-6s with an average TAFMS of 81 months. Some representative tasks for this job include:

- perform operational checks of floodlight sets
- supervise AGE Journeymen (AFSC 2A652)
- perform operational checks of air compressors

determine or establish work priorities
supervise AGE Apprentices (AFSC 2A632)
inspect cleanliness of work area

VIII. MUNITIONS AGE MECHANIC (STG218, N=21). Comprising less than 1 percent of the survey sample, members of this job are responsible for maintenance and inspections of munitions handling trailers and bomb lifts. The job incumbents average 112 months TAFMS and predominantly (62 percent) are 5-skill level. Members perform an average of 155 tasks such as:

remove or install printed circuit boards
perform operational checks of powered munitions handling trailers
measure amperage, resistance, frequency, or voltage of AGE
electronic circuitry systems
solder electrical system wiring
adjust circuit card output signals
troubleshoot electrical circuitry malfunctions, other than integrated
or solid-state circuitries

IX. FIELD TRAINING DETACHMENT (FTD) INSTRUCTOR (STG167, N=10). The members of this small job are responsible for training unit personnel in the field, while also continuing to perform other technical tasks. All members of this specific job are active duty and distinguish themselves by spending 17 percent of their time on tasks related to training. These more senior incumbents have an average of 153 months TAFMS and predominately hold the rank of E-6 (70 percent). They perform an average of 101 tasks such as:

develop lesson plans
conduct AGE operation training
research TOs, charts, or diagrams for AGE hydraulic
systems maintenance instructions
research TOs, charts, or diagrams for heating systems maintenance
instructions
troubleshoot heater malfunctions
perform operational checks of hydraulic test stands

X. BENCH STOCK MONITOR (STG254, N=24). This job represents less than 1 percent of the sample, and 39 percent of job members' time is spent maintaining special tools or shop equipment, which involves issuing and accounting for the parts and tools used by other AGE personnel. They are separated from other 2A6X2 personnel in that they are all active duty

and 42 percent of them are stationed outside the continental United States. They only perform an average of 31 tasks and the predominant paygrade is E-4 with an average 87 months TAFMS. Some average tasks include:

- maintain bench stocks
- inspect composite tool kits (CTK)
- establish bench stock levels
- issue or turn in special tools or shop equipment, other than CTKs
- maintain CTKs
- research national stock or part numbers

XI. PRODUCTION SUPPORT (STG368, N=25). Members of this job comprise less than 1 percent of the sample and 96 percent are active duty. Although this job is somewhat similar to the Bench Stock Monitor Job, 60 percent of the members' time is spent performing production support tasks. Performing an average of 48 tasks, most members hold the rank of E-4. Tasks which distinguish this job are:

- inquire CAMS for AGE scheduled, unscheduled, or deferred equipment discrepancies
- load AGE annual inspections in CAMS
- load AGE periodic inspections in CAMS
- create or schedule CAMS equipment discrepancies
- research national stock or part numbers
- review or monitor AGE MICAP status

XII. QUALITY ASSURANCE (QA) INSPECTOR (STG150, N=22). This unique job involves relatively senior (95 percent 7-skill level) members ensuring the various responsibilities of the career ladder are accomplished correctly. This job is notable because its members spend 50 percent of their time either inspecting and evaluating or performing AGE quality verification tasks. Some examples of the average of 65 tasks performed are:

- implement quality assurance programs
- evaluate quality control procedures
- inspect completed maintenance
- perform quality verification inspections (QVIs) on AGE
- inspect cleanliness of work area
- investigate accidents or incidents

XIII. SUPERVISOR CLUSTER (STG112, N=280). This job involves supervision of AGE personnel and consists of 11 percent of the sample. It is clearly a distinct job in that 62 percent of the members' time is spent organizing and planning, directing and implementing, or inspecting and evaluating. This is the most senior AGE job, with 63 percent of the job holding a paygrade of either E-7 or E-8 and averaging 199 months TAFMS. What distinguishes this job from the QA Inspector Job is that the QA Inspector Job does not deal as much with personnel management tasks such as counseling or writing personnel appraisals. Examples of the most commonly performed tasks include:

- counsel personnel on personal or military matters
- inspect cleanliness of work area
- conduct or participate in staff meetings
- determine or establish work priorities
- write recommendations, awards, decorations, or recognition packages
- write EPRs

XIV. MOBILITY MANAGER (STG247, N=10). This job comprises less than 1 percent of the survey sample. Members spend almost 75 percent of their time on tasks related to organizing and planning, directing and implementing, or inspecting and evaluating. This is the second most senior AGE job and has a predominant paygrade of E-7 (60 percent). What distinguishes this job from the senior Supervisory Cluster is that Mobility Managers are largely focused on mobility equipment, and 60 percent of the members do not supervise personnel. Members perform an average of 29 tasks, which is the smallest number of tasks of any AGE job. Some tasks include:

- inspect mobility equipment
- maintain mobility personnel listings
- update contingency plans
- direct preparation of official correspondence
- conduct or participate in staff meetings
- plan or conduct briefings

XV. ENVIRONMENTAL MANAGER (STG442, N=11). The members of this small job are responsible for ensuring that Environmental Protection Agency (EPA) programs are adhered to. Incumbents average 160 months TAFMS. This job is unique and only performed by 5- and 7-skill level active duty members with an average grade of E-5 (45 percent). The following are examples of the 30 average tasks performed:

- implement EPA programs
- monitor collection and disposal of hazardous waste materials
- evaluate personnel compliance with EPA program standards
- direct EPA programs
- review EPA programs
- mark hazardous or dangerous material containers

Comparison of Current Jobs to Previous Survey Findings

Results of the specialty job analysis were compared to those of the last AGE OSR published in 1992. With some variance in the job titles between the two studies, the tasks that personnel performed in the previous OSR are generally found in the current study. As shown in Table 5, the majority of jobs identified previously were also identified in this study. Nonpowered maintenance, chassis mechanic, and refrigeration mechanic jobs found in the last study did not break out as separate jobs in this study, with their tasks spread among the other jobs in the current survey. Tech School Instructors identified in the past study were identified, but not included in the current study since job members identified that they performed the tasks vice taught the tasks. Combat AGE Team (CAT) Leader, Mobility Manager and Environmental Manager jobs were all identified as separate jobs in the current study and were not identified in the previous study. The ANG and AFRES were not surveyed with the active duty career ladder when the last OSR was written. Even though the ANG and AFRES have been added into this report, the basic career ladder structure is not greatly affected.

Summary

The common core job (AGE Mechanic) and 2 clusters (Entry Level AGE and Supervisor) make up 75 percent of the job incumbents. The remaining 12 jobs identify specialization or describe the diversity between the personnel in the career ladder. Although many maintenance and inspection tasks are common to many of the jobs, the majority of unique tasks such as TACS maintenance and quality assurance apply to only one or two jobs. Current results largely follow the historical career structure, with the major changes since the last survey being the creation of CAT Leader, Mobility Manager, and Environmental Manager jobs.

TABLE 5

COMPARISON OF JOB GROUPS IN CURRENT STUDY
TO PREVIOUS STUDY

| 1996 STUDY (AFSC 2A6X2) (N=2,536) | 1992 STUDY (AFSC 454X1) (N=2,540) |
|--------------------------------------|--------------------------------------|
| DISPATCHER | DISPATCHER |
| HEATING SYSTEMS MECHANIC | HEATING SYSTEMS MECHANIC |
| ENTRY LEVEL AGE MECHANIC CLUSTER | APPRENTICE MECHANIC |
| PREOPERATIONS OR SERVICE INSPECTIONS | PREOPERATIONS OR SERVICE INSPECTIONS |
| AGE MECHANIC | MAINTENANCE MECHANIC |
| TACS MAINTENANCE | TACS MAINTENANCE |
| CAT LEADER | <i>NO SIMILAR GROUP IDENTIFIED</i> |
| MUNITIONS AGE MECHANIC | MUNITIONS HANDLING TRAILER MECHANIC |
| FTD INSTRUCTOR | FTD INSTRUCTOR |
| BENCH STOCK MONITOR | BENCH STOCK AND PRODUCTION CONTROL |
| PRODUCTION SUPPORT | BENCH STOCK AND PRODUCTION CONTROL |
| QUALITY ASSURANCE INSPECTOR | QUALITY ASSURANCE INSPECTOR |
| SUPERVISOR CLUSTER | SENIOR SUPERVISOR |
| MOBILITY MANAGER | <i>NO SIMILAR GROUP IDENTIFIED</i> |
| ENVIRONMENTAL MANAGER | <i>NO SIMILAR GROUP IDENTIFIED</i> |
| <i>NO SIMILAR GROUP IDENTIFIED</i> | NONPOWERED MAINTENANCE |
| <i>NO SIMILAR GROUP IDENTIFIED</i> | TECH SCHOOL INSTRUCTOR |
| <i>NO SIMILAR GROUP IDENTIFIED</i> | CHASSIS MECHANIC |
| <i>NO SIMILAR GROUP IDENTIFIED</i> | REFRIGERATION MECHANIC |

ANALYSIS OF DAFSC GROUPS

An analysis of DAFSC groups, in conjunction with the analysis of the career ladder structure is an important part of each occupational survey. The DAFSC analysis identifies differences in tasks performed at the various skill levels. This information may be used to evaluate how well career ladder documents, such as the CFETP, AFMAN 36-2108 *Specialty Description*, and the STS reflect what career ladder personnel are actually doing in the field.

The distribution of skill-level members across career ladder jobs for active duty, ANG and AFRES respondents is displayed in Table 6, while Tables 7-10 displays the relative percent of time spent on each duty across the skill-level groups. A typical pattern of progression is noted within the AFSC 2A6X2 career ladder, in that personnel at the 3- and 5-skill levels work in the technical jobs of the career ladder and spend most of their time on technical tasks. As incumbents move up through the 7- to 9-skill level, higher percentages of members perform supervision and training functions, and they spend much less time on technical activities.

Skill-Level Descriptions

DAFSC 2A632. The 507 airmen in the 3-skill level group represent 20 percent of the survey sample and the majority are either in the Entry-Level AGE Cluster or AGE Mechanic Job. As shown in Table 7, 22 percent of the respondents' time is spent performing operational checks or service inspections. Their job focus is shown in Tables 11 through 14, which list representative tasks performed by 3-skill level incumbents for the total sample, active duty, ANG, and AFRES respondents. Very few differences were exhibited between the three separate components. Most tasks listed relate to Duty F, Performing Operational or Service Inspections. All groups of 3-skill level members indicated that they did not perform any supervisory duties. This is not surprising, since the 3-skill level is where members start to learn their jobs through limited responsibility.

DAFSC 2A652. The 984 airmen in the 5-skill level group represent 39 percent of the total survey sample. As with 3-skill level personnel, the largest percentages of 5-skill level incumbents work in either the Entry-Level AGE Cluster or AGE Mechanic Job. However, the percentage of 5-skill level personnel in the entry-level job is obviously lower than the percentage for the 3-skill level members. Table 8 shows that 13 percent of the active duty members' time is spent on supervisory duties, while time spent by ANG and AFRES members is only 3 and 1 percent, respectively. Supervisory duties are the most significant area of difference between components. Representative tasks performed by 5-skill level incumbents are listed in Tables 15 through 18, while Tables 19 through 22 reflect those tasks which best differentiate 5-skill level personnel from their 3-skill level counterparts. The tables show a decreased emphasis on inspection and operational check tasks, and an added emphasis on some supervisory and more technical tasks. The data information suggests that the 5-skill level members are more evenly spread across all the clusters and jobs, whereas the 3-skill level personnel are concentrated in either the Entry Level AGE or AGE Mechanic jobs.

TABLE 6

DISTRIBUTION OF SKILL-LEVEL MEMBERS ACROSS SPECIALTY JOBS
(PERCENT RESPONDING)

| JOB | DAFSC 2A632 | | | | DAFSC 2A652 | | | |
|--|----------------------------|---------------|---------------|--------------|----------------------------|---------------|----------------|---------------|
| | TOTAL SAMPLE (N=507) | AD (N=477) | ANG (N=25) | RES (N=5) | TOTAL SAMPLE (N=984) | AD (N=686) | ANG (N=209) | RES (N=87) |
| I. DISPATCHER | 1 | 2 | . | . | 1 | 1 | 1 | . |
| II. HEATING SYSTEMS MECHANIC | 1 | 1 | . | . | * | * | . | . |
| III. ENTRY LEVEL AGE MECHANIC CLUSTER | 23 | 24 | 16 | | 9 | 7 | 12 | 16 |
| IV. PREOPERATIONS OR SERVICE INSPECTIONS | 1 | 1 | . | . | 1 | 1 | 1 | . |
| V. AGE MECHANIC | 57 | 57 | 40 | 60 | 63 | 61 | 66 | 74 |
| VI. TACS MAINTENANCE | 3 | 2 | 20 | . | 5 | 3 | 12 | . |
| VII. CAT LEADER | . | . | . | . | 1 | 1 | . | . |
| VIII. MUNITIONS AGE MECHANIC | * | * | . | . | 1 | 2 | 1 | . |
| IX. FTD INSTRUCTOR | . | . | . | . | * | * | . | . |
| X. BENCH STOCK MONITOR | * | * | . | . | 2 | 2 | . | . |
| XI. PRODUCTION SUPPORT | . | . | . | . | 2 | 3 | . | 1 |
| XII. QUALITY ASSURANCE INSPECTOR | . | . | . | . | . | . | . | . |
| XIII. SUPERVISOR CLUSTER | . | . | . | . | 2 | 3 | . | . |
| XIV. MOBILITY MANAGER | . | . | . | . | * | * | . | . |
| XV. ENVIRONMENTAL MANAGER | . | . | . | . | * | * | . | . |
| NOT GROUPED | 13 | 12 | 24 | 40 | 12 | 15 | 8 | 9 |

* Denotes less than 1 percent

TABLE 6 (CONTINUED)

DISTRIBUTION OF SKILL-LEVEL MEMBERS ACROSS SPECIALTY JOBS
(PERCENT RESPONDING)

| | DAFSC 2A672 | | | | DAFSC 2A692 | | | |
|--|----------------------------|---------------|----------------|----------------|---------------------------|--------------|---------------|--------------|
| | TOTAL SAMPLE (N=975) | AD (N=650) | ANG (N=215) | RES (N=110) | TOTAL SAMPLE (N=71) | AD (N=34) | ANG (N=31) | RES (N=5) |
| I. DISPATCHER | * | . | . | * | . | . | . | . |
| II. HEATING SYSTEMS MECHANIC | * | * | * | . | . | . | . | . |
| III. ENTRY LEVEL AGE MECHANIC CLUSTER | 2 | 2 | 3 | 4 | . | . | . | . |
| IV. PREOPERATIONS OR SERVICE INSPECTIONS | * | * | . | * | . | . | . | . |
| V. AGE MECHANIC | 44 | 29 | 74 | 74 | 9 | . | 16 | 20 |
| VI. TACS MAINTENANCE | 4 | 2 | 9 | . | 10 | . | 23 | . |
| VII. CAT LEADER | 7 | 9 | 2 | 2 | 1 | . | 3 | . |
| VIII. MUNITIONS AGE MECHANIC | * | * | * | . | . | . | . | . |
| IX. FTD INSTRUCTOR | * | 1 | . | . | . | . | . | . |
| X. BENCH STOCK MONITOR | * | * | . | . | . | . | . | . |
| XI. PRODUCTION SUPPORT | * | 1 | . | . | . | . | . | . |
| XII. QUALITY ASSURANCE INSPECTOR | 2 | 3 | 2 | . | 1 | . | 3 | . |
| XIII. SUPERVISOR CLUSTER | 21 | 29 | 5 | 7 | 74 | 91 | 55 | 80 |
| XIV. MOBILITY MANAGER | * | 1 | . | . | . | . | . | . |
| XV. ENVIRONMENTAL MANAGER | * | 1 | . | . | . | . | . | . |
| NOT GROUPED | 16 | 30 | 6 | 12 | 5 | 9 | . | . |

* Denotes less than 1 percent

TABLE 7

RELATIVE PERCENT OF TIME SPENT ON DUTIES BY MEMBERS OF 3-SKILL LEVEL GROUPS

| DUTIES | TOTAL 3-SKILL LVL (N=507) | ACTIVE 3-SKILL LVL (N=477) | GUARD 3-SKILL LVL (N=25) | RESERVE 3-SKILL LVL (N=5) |
|---|---------------------------------|----------------------------------|--------------------------------|---------------------------------|
| A ORGANIZING AND PLANNING | * | * | * | 3 |
| B DIRECTING AND IMPLEMENTING | * | * | * | * |
| C INSPECTING AND EVALUATING | * | * | * | * |
| D TRAINING | * | * | * | * |
| E PERFORMING GENERAL PRODUCTION SUPPORT TASKS | 5 | 5 | 3 | 1 |
| F PERFORMING OPERATIONAL OR SERVICE INSPECTIONS | 22 | 22 | 19 | 29 |
| G PERFORMING ANNUAL INSPECTIONS | 9 | 9 | 8 | 6 |
| H MAINTAINING AGE ELECTRICAL SYSTEMS | 10 | 10 | 15 | 12 |
| I MAINTAINING AGE ELECTRONIC SYSTEMS | 3 | 2 | 7 | 3 |
| J MAINTAINING AGE ENGINES | 10 | 10 | 12 | 12 |
| K MAINTAINING AGE MOTORS OR GENERATORS | 2 | 2 | 4 | 3 |
| L MAINTAINING AGE HEATING SYSTEMS | 6 | 6 | 5 | 4 |
| M MAINTAINING AGE REFRIGERATION SYSTEMS OR EQUIPMENT COOLERS | 1 | 1 | 2 | 1 |
| N MAINTAINING AGE TEST STANDS, BOMB LIFTS, OR GROUND SERVICING HYDRAULIC SYSTEMS | 3 | 3 | 2 | 3 |
| O MAINTAINING AGE PNEUMATIC SYSTEMS | 3 | 3 | 2 | 4 |
| P MAINTAINING AGE ENCLOSURES, CHASSIS, OR DRIVES | 8 | 9 | 7 | 7 |
| Q MAINTAINING MOBILE THEATER AIR CONTROL SYSTEM (TACS) EQUIPMENT | * | * | 3 | * |
| R DISPATCHING AGE | 9 | 9 | 7 | 6 |
| S MAINTAINING SPECIAL TOOLS OR SHOP EQUIPMENT | 2 | 2 | * | * |
| T PERFORMING AGE QUALITY VERIFICATION TASKS | * | * | * | * |
| U PERFORMING NONPOWERED AGE MAINTENANCE | 3 | 4 | * | 5 |
| V PERFORMING CROSS UTILIZATION TRAINING (CUT) TASKS | * | * | * | * |

* Denotes less than 1 percent

NOTE: Columns may not add exactly to 100 percent due to rounding

TABLE 8

RELATIVE PERCENT OF TIME SPENT ON DUTIES BY MEMBERS OF 5-SKILL LEVEL GROUPS

| DUTIES | TOTAL 5-SKILL LVL (N=984) | ACTIVE 5-SKILL LVL (N=686) | GUARD 5-SKILL LVL (N=209) | RESERVE 5-SKILL LVL (N=87) |
|---|---------------------------------|----------------------------------|---------------------------------|----------------------------------|
| A ORGANIZING AND PLANNING | 2 | 3 | * | * |
| B DIRECTING AND IMPLEMENTING | 3 | 4 | 1 | 1 |
| C INSPECTING AND EVALUATING | 2 | 3 | 1 | * |
| D TRAINING | 3 | 3 | 1 | * |
| E PERFORMING GENERAL PRODUCTION SUPPORT TASKS | 8 | 10 | 3 | 4 |
| F PERFORMING OPERATIONAL OR SERVICE INSPECTIONS | 15 | 15 | 16 | 15 |
| G PERFORMING ANNUAL INSPECTIONS | 7 | 6 | 7 | 7 |
| H MAINTAINING AGE ELECTRICAL SYSTEMS | 10 | 9 | 12 | 11 |
| I MAINTAINING AGE ELECTRONIC SYSTEMS | 3 | 3 | 3 | 3 |
| J MAINTAINING AGE ENGINES | 15 | 9 | 13 | 15 |
| K MAINTAINING AGE MOTORS OR GENERATORS | 3 | 2 | 3 | 3 |
| L MAINTAINING AGE HEATING SYSTEMS | 5 | 5 | 6 | 8 |
| M MAINTAINING AGE REFRIGERATION SYSTEMS OR EQUIPMENT COOLERS | 1 | 1 | 2 | 2 |
| N MAINTAINING AGE TEST STANDS, BOMB LIFTS, OR GROUND SERVICING HYDRAULIC SYSTEMS | 4 | 4 | 4 | 3 |
| O MAINTAINING AGE PNEUMATIC SYSTEMS | 4 | 3 | 5 | 5 |
| P MAINTAINING AGE ENCLOSURES, CHASSIS, OR DRIVES | 7 | 6 | 8 | 8 |
| Q MAINTAINING MOBILE THEATER AIR CONTROL SYSTEM (TACS) EQUIPMENT | 1 | 1 | 3 | * |
| R DISPATCHING AGE | 6 | 6 | 7 | 7 |
| S MAINTAINING SPECIAL TOOLS OR SHOP EQUIPMENT | 3 | 3 | 1 | 2 |
| T PERFORMING AGE QUALITY VERIFICATION TASKS | * | 1 | * | * |
| U PERFORMING NONPOWERED AGE MAINTENANCE | 2 | 3 | 1 | 2 |
| V PERFORMING CROSS UTILIZATION TRAINING (CUT) TASKS | * | * | * | * |

* Denotes less than 1 percent

NOTE: Columns may not add exactly to 100 percent due to rounding

TABLE 9

RELATIVE PERCENT OF TIME SPENT ON DUTIES BY MEMBERS OF 7-SKILL LEVEL GROUPS

| DUTIES | TOTAL 7-SKILL LVL (N=975) | ACTIVE 7-SKILL LVL (N=650) | GUARD 7-SKILL LVL (N=215) | RESERVE 7-SKILL LVL (N=110) |
|---|---------------------------------|----------------------------------|---------------------------------|-----------------------------------|
| A ORGANIZING AND PLANNING | 8 | 11 | 2 | 4 |
| B DIRECTING AND IMPLEMENTING | 10 | 14 | 3 | 5 |
| C INSPECTING AND EVALUATING | 9 | 13 | 2 | 3 |
| D TRAINING | 5 | 7 | * | 4 |
| E PERFORMING GENERAL PRODUCTION SUPPORT TASKS | 10 | 12 | 6 | 5 |
| F PERFORMING OPERATIONAL OR SERVICE INSPECTIONS | 10 | 9 | 11 | 13 |
| G PERFORMING ANNUAL INSPECTIONS | 3 | 2 | 5 | 6 |
| H MAINTAINING AGE ELECTRICAL SYSTEMS | 6 | 5 | 10 | 9 |
| I MAINTAINING AGE ELECTRONIC SYSTEMS | 2 | 2 | 3 | 3 |
| J MAINTAINING AGE ENGINES | 7 | 5 | 13 | 11 |
| K MAINTAINING AGE MOTORS OR GENERATORS | 2 | 1 | 3 | 3 |
| L MAINTAINING AGE HEATING SYSTEMS | 4 | 2 | 6 | 6 |
| M MAINTAINING AGE REFRIGERATION SYSTEMS OR EQUIPMENT COOLERS | 1 | * | 2 | 2 |
| N MAINTAINING AGE TEST STANDS, BOMB LIFTS, OR GROUND SERVICING HYDRAULIC SYSTEMS | 3 | 2 | 4 | 3 |
| O MAINTAINING AGE PNEUMATIC SYSTEMS | 3 | 2 | 5 | 5 |
| P MAINTAINING AGE ENCLOSURES, CHASSIS, OR DRIVES | 4 | 2 | 7 | 6 |
| Q MAINTAINING MOBILE THEATER AIR CONTROL SYSTEM (TACS) EQUIPMENT | 1 | * | 2 | * |
| R DISPATCHING AGE | 4 | 3 | 5 | 6 |
| S MAINTAINING SPECIAL TOOLS OR SHOP EQUIPMENT | 2 | 3 | 2 | 2 |
| T PERFORMING AGE QUALITY VERIFICATION TASKS | 3 | 3 | 3 | 2 |
| U PERFORMING NONPOWERED AGE MAINTENANCE | 1 | 1 | 1 | 2 |
| V PERFORMING CROSS UTILIZATION TRAINING (CUT) TASKS | * | * | * | * |

* Denotes less than 1 percent

NOTE Columns may not add exactly to 100 percent due to rounding

TABLE 10

RELATIVE PERCENT OF TIME SPENT ON DUTIES BY MEMBERS OF 9-SKILL LEVEL GROUPS

| DUTIES | TOTAL 9-SKILL LVL (N=70) | ACTIVE 9-SKILL LVL (N=34) | GUARD 9-SKILL LVL (N=31) | RESERVE 9-SKILL LVL (N=5) |
|---|--------------------------------|---------------------------------|--------------------------------|---------------------------------|
| A ORGANIZING AND PLANNING | 18 | 24 | 12 | 16 |
| B DIRECTING AND IMPLEMENTING | 19 | 26 | 12 | 15 |
| C INSPECTING AND EVALUATING | 22 | 30 | 14 | 20 |
| D TRAINING | 7 | 6 | 8 | 10 |
| E PERFORMING GENERAL PRODUCTION SUPPORT TASKS | 11 | 9 | 13 | 12 |
| F PERFORMING OPERATIONAL OR SERVICE INSPECTIONS | 2 | * | 3 | 6 |
| G PERFORMING ANNUAL INSPECTIONS | * | * | 1 | 1 |
| H MAINTAINING AGE ELECTRICAL SYSTEMS | 2 | * | 4 | 3 |
| I MAINTAINING AGE ELECTRONIC SYSTEMS | * | * | 2 | * |
| J MAINTAINING AGE ENGINES | 3 | * | 5 | 4 |
| K MAINTAINING AGE MOTORS OR GENERATORS | * | * | 1 | * |
| L MAINTAINING AGE HEATING SYSTEMS | 1 | * | 2 | 2 |
| M MAINTAINING AGE REFRIGERATION SYSTEMS OR EQUIPMENT COOLERS | * | * | 1 | * |
| N MAINTAINING AGE TEST STANDS, BOMB LIFTS, OR GROUND SERVICING HYDRAULIC SYSTEMS | * | * | * | * |
| O MAINTAINING AGE PNEUMATIC SYSTEMS | * | * | 1 | 1 |
| P MAINTAINING AGE ENCLOSURES, CHASSIS, OR DRIVES | * | * | 2 | 2 |
| Q MAINTAINING MOBILE THEATER AIR CONTROL SYSTEM (TACS) EQUIPMENT | 1 | * | 3 | 1 |
| R DISPATCHING AGE | 2 | * | 4 | 2 |
| S MAINTAINING SPECIAL TOOLS OR SHOP EQUIPMENT | 2 | * | 4 | * |
| T PERFORMING AGE QUALITY VERIFICATION TASKS | 3 | 1 | 6 | 3 |
| U PERFORMING NONPOWERED AGE MAINTENANCE | * | * | * | * |
| V PERFORMING CROSS UTILIZATION TRAINING (CUT) TASKS | * | * | * | * |

* Denotes less than 1 percent

NOTE: Columns may not add exactly to 100 percent due to rounding

TABLE 11

REPRESENTATIVE TASKS PERFORMED BY ALL DAFSC 2A632 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=507) | |
|-------|---|----|
| F205 | Perform operational checks of heaters | 88 |
| F180 | Perform operational checks of air compressors | 88 |
| F199 | Perform operational checks of floodlight sets | 85 |
| F228 | Perform service inspections on air compressors | 83 |
| F240 | Perform service inspections on floodlight sets | 82 |
| P756 | Remove or install batteries | 81 |
| R833 | Clean AGE | 81 |
| P746 | Pack wheel bearings | 81 |
| F246 | Perform service inspections on heaters | 80 |
| F203 | Perform operational checks of generators | 79 |
| R842 | Fuel AGE | 79 |
| F217 | Perform operational checks of nonpowered AGE maintenance stands | 76 |
| R844 | Operate AGE tow vehicles | 75 |
| J467 | Remove or install engine oil filters | 75 |
| R850 | Pick up or deliver AGE | 74 |
| P754 | Remove or install AGE tire, tube, or wheel assemblies | 74 |
| H337 | Recharge batteries | 73 |
| P767 | Spot paint, stencil, mark, or reflectorize AGE | 73 |
| G286 | Perform periodic inspections on floodlight sets | 73 |
| F244 | Perform service inspections on generators | 72 |
| G263 | Perform periodic inspections on air compressors | 72 |
| F227 | Perform operator inspections on tow vehicles | 71 |
| R847 | Operate two-way vehicle radios | 71 |
| H342 | Remove or install electrical fuses | 71 |
| G294 | Perform periodic inspections on heaters | 71 |
| P741 | Clean or paint battery boxes | 71 |
| F210 | Perform operational checks of load banks | 71 |
| H338 | Remove or install battery cables | 70 |
| G306 | Perform periodic inspections on nonpowered maintenance stands | 70 |
| F181 | Perform operational checks of air conditioners | 70 |
| F206 | Perform operational checks of hydraulic test stands | 69 |

* Average Number of Tasks Performed - 162

TABLE 12

REPRESENTATIVE TASKS PERFORMED BY ACTIVE DUTY DAFSC 2A632 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=477) |
|--|---|
| F180 Perform operational checks of air compressors | 88 |
| F205 Perform operational checks of heaters | 88 |
| F199 Perform operational checks of floodlight sets | 86 |
| F228 Perform service inspections on air compressors | 84 |
| F240 Perform service inspections on floodlight sets | 83 |
| P746 Pack wheel bearings | 82 |
| R833 Clean AGE | 82 |
| P756 Remove or install batteries | 82 |
| F203 Perform operational checks of generators | 80 |
| F246 Perform service inspections on heaters | 80 |
| R842 Fuel AGE | 79 |
| F217 Perform operational checks of nonpowered AGE maintenance stands | 78 |
| R850 Pick up or deliver AGE | 75 |
| P754 Remove or install AGE tire, tube, or wheel assemblies | 75 |
| R844 Operate AGE tow vehicles | 75 |
| J467 Remove or install engine oil filters | 74 |
| P767 Spot paint, stencil, mark, or reflectorize AGE | 73 |
| F227 Perform operator inspections on tow vehicles | 73 |
| G286 Perform periodic inspections on floodlight sets | 73 |
| H337 Recharge batteries | 73 |
| R847 Operate two-way vehicle radios | 72 |
| G263 Perform periodic inspections on air compressors | 72 |
| F244 Perform service inspections on generators | 72 |
| G306 Perform periodic inspections on nonpowered maintenance stands | 71 |
| P741 Clean or paint battery boxes | 71 |
| H342 Remove or install electrical fuses | 71 |
| G294 Perform periodic inspections on heaters | 71 |
| F187 Perform operational checks of aircraft tripods or axle jacks | 70 |
| F181 Perform operational checks of air conditioners | 70 |
| F210 Perform operational checks of load banks | 70 |
| F206 Perform operational checks of hydraulic test stands | 70 |

* Average Number of Tasks Performed - 160

TABLE 13

REPRESENTATIVE TASKS PERFORMED BY GUARD DAFSC 2A632 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=25) |
|--|--|
| F205 Perform operational checks of heaters | 88 |
| H337 Recharge batteries | 84 |
| F210 Perform operational checks of load banks | 84 |
| H333 Measure amperage, resistance, frequency, or voltage of AGE electrical systems | 84 |
| R842 Fuel AGE | 84 |
| F246 Perform service inspections on heaters | 84 |
| J467 Remove or install engine oil filters | 84 |
| F240 Perform service inspections on floodlight sets | 84 |
| J401 Adjust belt tensions | 84 |
| F244 Perform service inspections on generators | 80 |
| G292 Perform periodic inspections on generators | 80 |
| H342 Remove or install electrical fuses | 80 |
| F203 Perform operational checks of generators | 76 |
| R833 Clean AGE | 76 |
| H331 Determine serviceability of batteries | 76 |
| F215 Perform operational checks of motor generators | 76 |
| P756 Remove or install batteries | 76 |
| R844 Operate AGE tow vehicles | 76 |
| F180 Perform operational checks of air compressors | 76 |
| F199 Perform operational checks of floodlight sets | 76 |
| H338 Remove or install battery cables | 76 |
| G286 Perform periodic inspections on floodlight sets | 76 |
| G294 Perform periodic inspections on heaters | 72 |
| F228 Perform service inspections on air compressors | 72 |
| G263 Perform periodic inspections on air compressors | 72 |
| H329 Clean receptacles, terminals, or connectors, other than for printed circuit boards | 72 |
| I380 Adjust voltage regulators | 72 |
| L536 Adjust burner control valves | 72 |
| I384 Measure amperage, resistance, frequency, or voltage of AGE electronic circuitry systems | 68 |
| K507 Adjust generator voltage or frequency output settings | 68 |

* Average Number of Tasks Performed - 195

TABLE 14

REPRESENTATIVE TASKS PERFORMED BY RESERVE DAFSC 2A632 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=5) |
|--|---|
| F205 Perform operational checks of heaters | 100 |
| F227 Perform operator inspections on tow vehicles | 100 |
| F215 Perform operational checks of motor generators | 100 |
| F199 Perform operational checks of floodlight sets | 80 |
| F190 Perform operational checks of bomb lifts | 80 |
| R847 Operate two-way vehicle radios | 80 |
| H338 Remove or install battery cables | 80 |
| F216 Perform operational checks of nonpowered AGE aircraft servicing equipment | 80 |
| U922 Remove or install nonpowered AGE hydraulic pump components | 80 |
| U921 Remove or install nonpowered AGE hydraulic line assemblies | 80 |
| P746 Pack wheel bearings | 80 |
| F201 Perform operational checks of gas turbine compressors | 80 |
| F217 Perform operational checks of nonpowered AGE maintenance stands | 80 |
| F206 Perform operational checks of hydraulic test stands | 80 |
| F210 Perform operational checks of load banks | 80 |
| J401 Adjust belt tensions | 80 |
| H372 Research TOs, charts, or diagrams for electrical maintenance instructions | 60 |
| H337 Recharge batteries | 60 |
| I397 Research TOs, charts, or diagrams for electronic maintenance instructions | 60 |
| F196 Perform operational checks of dollies | 60 |
| I387 Remove or install battery chargers | 60 |
| H342 Remove or install electrical fuses | 60 |
| H374 Splice electrical system wiring | 60 |
| R844 Operate AGE tow vehicles | 60 |
| P756 Remove or install batteries | 60 |
| F182 Perform operational checks of air-cycle machines | 60 |
| J453 Remove or install electrical starters | 60 |
| F181 Perform operational checks of air conditioners | 60 |
| F240 Perform service inspections on floodlight sets | 60 |
| F203 Perform operational checks of generators | 60 |

* Average Number of Tasks Performed - 162

TABLE 15

REPRESENTATIVE TASKS PERFORMED BY ALL DAFSC 2A652 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=984) |
|---|---|
| F180 Perform operational checks of air compressors | 82 |
| F228 Perform service inspections on air compressors | 79 |
| F205 Perform operational checks of heaters | 79 |
| F203 Perform operational checks of generators | 78 |
| F199 Perform operational checks of floodlight sets | 76 |
| R833 Clean AGE | 76 |
| F246 Perform service inspections on heaters | 75 |
| H342 Remove or install electrical fuses | 75 |
| F240 Perform service inspections on floodlight sets | 74 |
| P756 Remove or install batteries | 74 |
| J467 Remove or install engine oil filters | 73 |
| R844 Operate AGE tow vehicles | 73 |
| H338 Remove or install battery cables | 73 |
| H337 Recharge batteries | 72 |
| G263 Perform periodic inspections on air compressors | 72 |
| F210 Perform operational checks of load banks | 72 |
| F244 Perform service inspections on generators | 72 |
| P746 Pack wheel bearings | 72 |
| R842 Fuel AGE | 72 |
| J401 Adjust belt tensions | 71 |
| H358 Repair battery cables | 71 |
| R847 Operate two-way vehicle radios | 71 |
| H333 Measure amperage, resistance, frequency, or voltage of AGE electrical systems | 70 |
| R850 Pick up or deliver AGE | 70 |
| P754 Remove or install AGE tire, tube, or wheel assemblies | 70 |
| F227 Perform operator inspections on tow vehicles | 70 |
| F206 Perform operational checks of hydraulic test stands | 69 |
| P741 Clean or paint battery boxes | 69 |
| E162 Perform general shop housekeeping, such as cleaning drip pans or sweeping floors | 69 |
| P767 Spot paint, stencil, mark, or reflectorize AGE | 69 |
| H331 Determine serviceability of batteries | 69 |
| F201 Perform operational checks of gas turbine compressors | 68 |

* Average Number of Tasks Performed - 225

TABLE 16

REPRESENTATIVE TASKS PERFORMED BY ACTIVE DUTY DAFSC 2A652 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=686) |
|---|---|
| F180 Perform operational checks of air compressors | 78 |
| F228 Perform service inspections on air compressors | 76 |
| F199 Perform operational checks of floodlight sets | 74 |
| F203 Perform operational checks of generators | 73 |
| F205 Perform operational checks of heaters | 73 |
| F240 Perform service inspections on floodlight sets | 71 |
| F227 Perform operator inspections on tow vehicles | 70 |
| H342 Remove or install electrical fuses | 70 |
| R833 Clean AGE | 70 |
| F217 Perform operational checks of nonpowered AGE maintenance stands | 70 |
| E162 Perform general shop housekeeping, such as cleaning drip pans or sweeping floors | 69 |
| S867 Inspect CTKs | 69 |
| F246 Perform service inspections on heaters | 69 |
| R844 Operate AGE tow vehicles | 68 |
| H338 Remove or install battery cables | 68 |
| F210 Perform operational checks of load banks | 68 |
| P756 Remove or install batteries | 68 |
| H337 Recharge batteries | 67 |
| F187 Perform operational checks of aircraft tripods or axle jacks | 67 |
| J467 Remove or install engine oil filters | 67 |
| R842 Fuel AGE | 67 |
| F206 Perform operational checks of hydraulic test stands | 66 |
| H333 Measure amperage, resistance, frequency, or voltage of AGE electrical systems | 66 |
| F244 Perform service inspections on generators | 66 |
| R847 Operate two-way vehicle radios | 66 |
| F186 Perform operational checks of aircraft tow bars | 65 |
| P754 Remove or install AGE tire, tube, or wheel assemblies | 65 |
| H358 Repair battery cables | 65 |
| G263 Perform periodic inspections on air compressors | 65 |
| P746 Pack wheel bearings | 65 |

* Average Number of Tasks Performed - 212

TABLE 17

REPRESENTATIVE TASKS PERFORMED BY GUARD DAFSC 2A652 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=209) | |
|-------|---|----|
| F205 | Perform operational checks of heaters | 91 |
| R833 | Clean AGE | 90 |
| F203 | Perform operational checks of generators | 89 |
| F180 | Perform operational checks of air compressors | 89 |
| F246 | Perform service inspections on heaters | 88 |
| H337 | Recharge batteries | 88 |
| P756 | Remove or install batteries | 88 |
| P741 | Clean or paint battery boxes | 87 |
| H342 | Remove or install electrical fuses | 87 |
| F228 | Perform service inspections on air compressors | 87 |
| J467 | Remove or install engine oil filters | 87 |
| F244 | Perform service inspections on generators | 86 |
| G294 | Perform periodic inspections on heaters | 86 |
| G292 | Perform periodic inspections on generators | 86 |
| P746 | Pack wheel bearings | 86 |
| J401 | Adjust belt tensions | 85 |
| P767 | Spot paint, stencil, mark, or reflectorize AGE | 85 |
| G263 | Perform periodic inspections on air compressors | 84 |
| H358 | Repair battery cables | 84 |
| R842 | Fuel AGE | 84 |
| H338 | Remove or install battery cables | 84 |
| J428 | Clean and gap spark plugs | 84 |
| R844 | Operate AGE tow vehicles | 83 |
| F210 | Perform operational checks of load banks | 83 |
| J485 | Remove or install spark plugs | 83 |
| R850 | Pick up or deliver AGE | 83 |
| R847 | Operate two-way vehicle radios | 82 |
| H333 | Measure amperage, resistance, frequency, or voltage of AGE electrical systems | 81 |
| H352 | Remove or install power cables | 81 |
| F229 | Perform service inspections on air conditioners | 80 |
| F181 | Perform operational checks of air conditioners | 79 |
| P748 | Prepare AGE for painting | 79 |
| G264 | Perform periodic inspections on air conditioners | 78 |

* Average Number of Tasks Performed - 255

TABLE 18

REPRESENTATIVE TASKS PERFORMED BY RESERVE DUTY DAFSC 2A652 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=87) |
|--|--|
| F205 Perform operational checks of heaters | 97 |
| G263 Perform periodic inspections on air compressors | 97 |
| F199 Perform operational checks of floodlight sets | 92 |
| G294 Perform periodic inspections on heaters | 92 |
| F246 Perform service inspections on heaters | 91 |
| F180 Perform operational checks of air compressors | 91 |
| F228 Perform service inspections on air compressors | 90 |
| P746 Pack wheel bearings | 90 |
| J467 Remove or install engine oil filters | 89 |
| P756 Remove or install batteries | 89 |
| J485 Remove or install spark plugs | 89 |
| R833 Clean AGE | 87 |
| F203 Perform operational checks of generators | 86 |
| F240 Perform service inspections on floodlight sets | 86 |
| G286 Perform periodic inspections on floodlight sets | 86 |
| R850 Pick up or deliver AGE | 85 |
| R844 Operate AGE tow vehicles | 85 |
| R852 Position AGE to aircraft | 85 |
| L545 Perform carbon monoxide tests (CMTs) | 85 |
| J401 Adjust belt tensions | 85 |
| F244 Perform service inspections on generators | 84 |
| G292 Perform periodic inspections on generators | 84 |
| H338 Remove or install battery cables | 84 |
| F201 Perform operational checks of gas turbine compressors | 84 |
| R842 Fuel AGE | 83 |
| P767 Spot paint, stencil, mark, or reflectorize AGE | 83 |
| P741 Clean or paint battery boxes | 83 |
| P754 Remove or install AGE tire, tube, or wheel assemblies | 83 |
| L573 Troubleshoot heater malfunctions | 80 |
| J428 Clean and gap spark plugs | 80 |
| F206 Perform operational checks of hydraulic test stands | 80 |
| H342 Remove or install electrical fuses | 80 |
| R847 Operate two-way vehicle radios | 79 |
| H331 Determine serviceability of batteries | 79 |

* Average Number of Tasks Performed - 256

TABLE 19

TASKS WHICH BEST DIFFERENTIATE BETWEEN
ALL DAFSC 2A632 AND DAFSC 2A652 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A632 (N=507) | 2A652 (N=984) | DIFFERENCE |
|--|------------------|------------------|------------|
| G272 Perform periodic inspections on aircraft tow bars | 64 | 51 | 13 |
| F217 Perform operational checks of nonpowered AGE maintenance stands | 76 | 65 | 12 |
| F187 Perform operational checks of aircraft tripods or axle jacks | 68 | 57 | 11 |
| G306 Perform periodic inspections on nonpowered maintenance stands | 70 | 58 | 11 |
| H355 Remove or install rheostats | 26 | 45 | -20 |
| B50 Orient newly assigned personnel | 7 | 26 | -20 |
| O723 Remove or install pneumatic low-pressure system components | 12 | 32 | -20 |
| S877 Troubleshoot shop equipment malfunctions | 22 | 42 | -20 |
| O712 Remove or install air pressure relief valves | 14 | 34 | -20 |
| J436 Fabricate engine fuel lines | 17 | 37 | -20 |
| O721 Remove or install pneumatic gauges | 20 | 40 | -20 |
| A22 Plan or schedule work assignments or priorities | 2 | 23 | -20 |
| J489 Remove or install turbine engine ignitor plugs | 30 | 50 | -20 |
| H321 Adjust microswitches | 29 | 50 | -21 |
| O704 Build low-pressure pneumatic hoses, lines, or fittings | 16 | 37 | -21 |
| C90 Write EPRs | 1 | 22 | -21 |
| P759 Remove or install enclosure assemblies | 22 | 44 | -22 |
| B54 Supervise Aerospace Ground Equipment Journeymen | 1 | 24 | -23 |
| O737 Troubleshoot pneumatic system malfunctions | 24 | 47 | -23 |
| B33 Counsel personnel on personal or military matters | 2 | 26 | -24 |
| A6 Determine or establish work priorities | 9 | 34 | -24 |
| D101 Counsel trainees on training progress | 1 | 26 | -25 |
| C85 Inspect cleanliness of work area | 21 | 48 | -27 |
| D96 Conduct AGE operation training | 5 | 34 | -29 |
| D97 Conduct OJT | 8 | 45 | -37 |
| B53 Supervise Aerospace Ground Equipment Apprentices | 3 | 41 | -38 |

TABLE 20

TASKS WHICH BEST DIFFERENTIATE BETWEEN
ACTIVE DUTY DAFSC 2A632 AND DAFSC 2A652 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A632 (N=477) | 2A652 (N=686) | DIFFERENCE |
|--|------------------|------------------|------------|
| P746 Pack wheel bearings | 82 | 65 | 17 |
| F205 Perform operational checks of heaters | 88 | 73 | 15 |
| P756 Remove or install batteries | 82 | 68 | 14 |
| R842 Fuel AGE | 79 | 67 | 12 |
| P759 Remove or install enclosure assemblies | 22 | 42 | -20 |
| C91 Write recommendations awards, decorations, or recognition packages | 1 | 20 | -20 |
| O704 Build low-pressure pneumatic hoses, lines, or fittings | 16 | 36 | -21 |
| A22 Plan or schedule work assignments or priorities | 3 | 24 | -22 |
| B50 Orient newly assigned personnel | 7 | 29 | -22 |
| H321 Adjust microswitches | 28 | 51 | -22 |
| B54 Supervise Aerospace Ground Equipment Journeymen | 1 | 24 | -23 |
| D96 Conduct AGE operation training | 5 | 30 | -26 |
| A6 Determine or establish work priorities | 9 | 36 | -28 |
| C85 Inspect cleanliness of work area | 21 | 49 | -29 |
| B33 Counsel personnel on personal or military matters | 2 | 32 | -30 |
| D101 Counsel trainees on training progress | 1 | 31 | -30 |
| C90 Write EPRs | 1 | 31 | -30 |
| B53 Supervise Aerospace Ground Equipment Apprentices | 3 | 44 | -41 |
| D97 Conduct OJT | 8 | 50 | -42 |

TABLE 21

TASKS WHICH BEST DIFFERENTIATE BETWEEN
GUARD DAFSC 2A632 AND DAFSC 2A652 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A632 (N=25) | 2A652 (N=209) | DIFFERENCE |
|---|-----------------|------------------|------------|
| F260 Perform service inspections on UMSs | 24 | 3 | 21 |
| J452 Remove or install diesel engine turbochargers | 32 | 12 | 20 |
| I395 Repair printed circuit-board electrical tracks or runs | 36 | 18 | 18 |
| E162 Perform general shop housekeeping, such as cleaning drip pans or sweeping floors | 40 | 69 | -29 |
| B53 Supervise Aerospace Ground Equipment Apprentices | 0 | 30 | -30 |
| P766 Research TOs, charts, or diagrams for AGE enclosures, chassis, or drives | 36 | 67 | -31 |
| J445 Remove or install carburetors | 20 | 51 | -31 |
| J421 Adjust turbine engine bleed-air system components | 8 | 39 | -31 |
| G283 Perform periodic inspections on deicers | 0 | 32 | -32 |
| F241 Perform service inspections on gas turbine compressors | 40 | 72 | -32 |
| O707 Perform air leak checks, of pneumatic systems | 24 | 56 | -32 |
| O721 Remove or install pneumatic gauges | 16 | 49 | -33 |
| O729 Remove or install pneumatic system lines, fittings, or hoses | 16 | 49 | -33 |
| F239 Perform service inspections on deicers | 0 | 33 | -33 |
| F227 Perform operator inspections on tow vehicles | 36 | 69 | -33 |
| R847 Operate two-way vehicle radios | 48 | 82 | -34 |
| D96 Conduct AGE operation training | 8 | 42 | -34 |
| O715 Remove or install dehydrator filter cartridges | 28 | 62 | -34 |
| G288 Perform periodic inspections on gas turbine compressors | 28 | 63 | -35 |
| F195 Perform operational checks of deicers | 0 | 35 | -35 |
| F201 Perform operational checks of gas turbine compressors | 36 | 73 | -37 |
| P742 Clean or paint exhaust system boxes | 20 | 57 | -37 |
| O736 Research TOs, charts, or diagrams for AGE pneumatic systems maintenance instructions | 16 | 54 | -38 |
| O737 Troubleshoot pneumatic system malfunctions | 16 | 54 | -38 |
| O716 Remove or install mechanical filters | 20 | 60 | -40 |

TABLE 22

TASKS WHICH BEST DIFFERENTIATE BETWEEN
RESERVE DAFSC 2A632 AND DAFSC 2A652 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A632 (N=5) | 2A652 (N=87) | DIFFERENCE |
|---|----------------|-----------------|------------|
| F190 Perform operational checks of bomb lifts | 80 | 23 | 57 |
| J419 Adjust piston cylinder bumping clearances | 60 | 11 | 49 |
| F192 Perform operational checks of cabin pressure testers (CPTs) | 60 | 15 | 45 |
| F182 Perform operational checks of air-cycle machines | 60 | 16 | 44 |
| F196 Perform operational checks of dollies | 60 | 16 | 44 |
| F257 Perform service inspections on powered maintenance stands, other than UMSs | 60 | 18 | 42 |
| F215 Perform operational checks of motor generators | 100 | 60 | 40 |
| F235 Perform service inspections on bomb lifts | 60 | 22 | 38 |
| F227 Perform operator inspections on tow vehicles | 100 | 63 | 37 |
| J463 Remove or install engine intake or exhaust manifolds, seals, gaskets, or common hardware | 20 | 66 | -46 |
| L542 Adjust heater temperature settings | 20 | 66 | -46 |
| J442 Prepare engines for storage | 0 | 46 | -46 |
| E162 Perform general shop housekeeping, such as cleaning drip pans or sweeping floors | 20 | 67 | -47 |
| R833 Clean AGE | 40 | 87 | -47 |
| R834 Clean or wax vehicles | 20 | 68 | -48 |
| P753 Remove or install AGE steering system components | 0 | 48 | -48 |
| C85 Inspect cleanliness of work area | 0 | 49 | -49 |
| H329 Clean receptacles, terminals, or connectors, other than for printed circuit boards | 20 | 70 | -50 |
| J403 Adjust diesel engine fuel racks | 20 | 70 | -50 |
| H343 Remove or install electrical gauges | 20 | 74 | -54 |
| G288 Perform periodic inspections on gas turbine compressors | 20 | 76 | -56 |
| L547 Prepare heaters for storage | 0 | 60 | -60 |
| I384 Measure amperage, resistance, frequency, or voltage of AGE electronic circuitry systems | 0 | 62 | -62 |
| J402 Adjust diesel engine fuel injectors | 0 | 66 | -66 |
| P769 Straighten panels, doors, or covers | 0 | 67 | -67 |
| R853 Prepare AGE for mobility or training exercises, other than palletizing or depalletizing | 0 | 68 | -68 |

DAFSC 2A672. The 975 7-skill level personnel represent 38 percent of the survey sample. Unlike their junior counterparts at the 3- and 5-skill levels, 29 percent of active duty personnel were grouped in the Supervisor Cluster (Table 6). Since ANG and AFRES members spend very little time performing Supervisory duties (Table 9), this is the most significant area of difference between components. Tables 23 through 26 list the most common tasks performed by 7-skill level personnel. While active duty tasks involve supervisory functions, ANG and AFRES members still perform many operational checks and service inspections. Tables 27 through 30 show those tasks which best differentiate the 5- and 7-skill levels. As expected, key differences at the 7-skill level are a greater emphasis on supervision and administration, with less emphasis on technical tasks.

DAFSC 2A692. The 70 members of this group represent only 3 percent of the survey sample. These individuals spend an even greater amount of time on supervisory activities than the 7-skill level personnel. The vast majority of the 9-skill level personnel are members of the Supervisor Cluster. Tables 31 through 34 show representative tasks performed at the 9-skill level, while Tables 35 through 38 list those tasks that best show the differences between this group and the 7-skill level group. As seen in Table 10 and in Tables 31 through 34, the most common tasks performed across all components by the AFSC 2A692 group reflect their position as senior management, as compared to the first-line supervisory tasks seen at the 7-skill level.

Summary

Active duty AGE career ladder progression follows a normal pattern of technical job focus at the lower skill levels, with a broadening into first-line supervision at the 7-skill level and senior management at the 9-skill level. On the other hand, ANG and AFRES personnel tend to perform a larger amount of technical tasks in the upper skill levels due to the limited number of personnel in these components. Emphasis at the 3-skill level is on conducting checks and inspections. At the 5-skill level, members can be expected to work nearly any job. At the 7-skill level, active duty members spend nearly half their time performing supervisory activities, while ANG and AFRES work is still largely focused on technical tasks. At the most senior level, the work is almost exclusively supervision across all components.

ANALYSIS OF AFMAN 36-2108 *SPECIALTY DESCRIPTION*

Survey data were compared to the AFMAN 36-2108 *Specialty Description* for Aerospace Ground Equipment, effective 31 October 1994. This specialty description is intended to provide a broad overview of the duties and responsibilities of each skill level. In general, the specialty description covers tasks and jobs performed by career ladder personnel.

TABLE 23

REPRESENTATIVE TASKS PERFORMED BY ALL DAFSC 2A672 PERSONNEL

| TASKS | | PERCENT MEMBERS PERFORMING (N=975) |
|-------|--|---|
| C85 | Inspect cleanliness of work area | 71 |
| A6 | Determine or establish work priorities | 66 |
| B54 | Supervise Aerospace Ground Equipment Journeymen | 66 |
| B33 | Counsel personnel on personal or military matters | 64 |
| F180 | Perform operational checks of air compressors | 64 |
| F205 | Perform operational checks of heaters | 63 |
| D97 | Conduct OJT | 63 |
| F203 | Perform operational checks of generators | 63 |
| E167 | Research national stock or part numbers | 62 |
| F199 | Perform operational checks of floodlight sets | 62 |
| S867 | Inspect CTKs | 61 |
| F228 | Perform service inspections on air compressors | 60 |
| B53 | Supervise Aerospace Ground Equipment Apprentices | 59 |
| F210 | Perform operational checks of load banks | 58 |
| A22 | Plan or schedule work assignments or priorities | 58 |
| R844 | Operate AGE tow vehicles | 57 |
| F240 | Perform service inspections on floodlight sets | 57 |
| E140 | Inquire CAMS for AGE scheduled, unscheduled, or deferred equipment discrepancies | 57 |
| R847 | Operate two-way vehicle radios | 56 |
| F201 | Perform operational checks of gas turbine compressors | 56 |
| F246 | Perform service inspections on heaters | 56 |
| C90 | Write EPRs | 56 |
| F181 | Perform operational checks of air conditioners | 56 |
| F206 | Perform operational checks of hydraulic test stands | 56 |
| F227 | Perform operator inspections on tow vehicles | 56 |
| F244 | Perform service inspections on generators | 54 |
| A1 | Assign personnel to duty positions, or work areas | 54 |
| E162 | Perform general shop housekeeping, such as cleaning drip pans or sweeping floors | 54 |
| H342 | Remove or install electrical fuses | 54 |

* Average Number of Tasks Performed - 209

TABLE 24

REPRESENTATIVE TASKS PERFORMED BY ACTIVE DUTY DAFSC 2A672
PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=650) |
|---|---|
| C90 Write EPRs | 80 |
| B33 Counsel personnel on personal or military matters | 77 |
| C85 Inspect cleanliness of work area | 76 |
| A6 Determine or establish work priorities | 72 |
| B54 Supervise Aerospace Ground Equipment Journeymen (AFSC 2A652) | 69 |
| C91 Write recommendations awards, decorations, or recognition packages | 67 |
| A22 Plan or schedule work assignments or priorities | 65 |
| D97 Conduct OJT | 63 |
| E167 Research national stock or part numbers | 62 |
| B30 Conduct or participate in staff meetings | 62 |
| B53 Supervise Aerospace Ground Equipment Apprentices (AFSC 2A632) | 60 |
| E140 Inquire CAMS for AGE scheduled, unscheduled, or deferred equipment discrepancies | 59 |
| C74 Evaluate personnel for compliance with performance standards | 58 |
| B50 Orient newly assigned personnel | 57 |
| S867 Inspect CTKs | 57 |
| A1 Assign personnel to duty positions, or work areas | 57 |
| B48 Interpret policies, directives, or procedures for subordinates | 57 |
| D101 Counsel trainees on training progress | 56 |
| E139 Inquire CAMS for AGE maintenance snapshots | 54 |
| A9 Develop work methods or procedures | 53 |
| A14 Establish performance standards | 52 |
| F180 Perform operational checks of air compressors | 52 |
| C75 Evaluate personnel for promotion, demotion, reclassification, or special awards | 52 |
| F199 Perform operational checks of floodlight sets | 52 |
| A26 Schedule leaves or passes | 51 |
| F205 Perform operational checks of heaters | 51 |
| F203 Perform operational checks of generators | 50 |

* Average Number of Tasks Performed - 161

TABLE 25

REPRESENTATIVE TASKS PERFORMED BY GUARD DAFSC 2A672 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=215) |
|--|---|
| F205 Perform operational checks of heaters | 90 |
| F203 Perform operational checks of generators | 89 |
| F180 Perform operational checks of air compressors | 89 |
| R833 Clean AGE | 88 |
| F228 Perform service inspections on air compressors | 87 |
| F210 Perform operational checks of load banks | 86 |
| H337 Recharge batteries | 85 |
| J401 Adjust belt tensions | 85 |
| F246 Perform service inspections on heaters | 85 |
| J467 Remove or install engine oil filters | 85 |
| G263 Perform periodic inspections on air compressors | 85 |
| H338 Remove or install battery cables | 85 |
| G294 Perform periodic inspections on heaters | 84 |
| R844 Operate AGE tow vehicles | 84 |
| G292 Perform periodic inspections on generators | 84 |
| R842 Fuel AGE | 84 |
| F199 Perform operational checks of floodlight sets | 84 |
| P746 Pack wheel bearings | 84 |
| P741 Clean or paint battery boxes | 83 |
| H333 Measure amperage, resistance, frequency, or voltage of AGE electrical systems | 83 |
| R850 Pick up or deliver AGE | 83 |
| H331 Determine serviceability of batteries | 82 |
| P756 Remove or install batteries | 82 |
| H342 Remove or install electrical fuses | 82 |
| F240 Perform service inspections on floodlight sets | 81 |
| L573 Troubleshoot heater malfunctions | 81 |
| J485 Remove or install spark plugs | 81 |
| F244 Perform service inspections on generators | 81 |
| P767 Spot paint, stencil, mark, or reflectorize AGE | 81 |
| P748 Prepare AGE for painting | 81 |
| G286 Perform periodic inspections on floodlight sets | 80 |
| F181 Perform operational checks of air conditioners | 80 |
| H358 Repair battery cables | 80 |

* Average Number of Tasks Performed - 323

TABLE 26

REPRESENTATIVE TASKS PERFORMED BY RESERVE DAFSC 2A672 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=110) |
|--|---|
| F205 Perform operational checks of heaters | 88 |
| F203 Perform operational checks of generators | 86 |
| F180 Perform operational checks of air compressors | 86 |
| F199 Perform operational checks of floodlight sets | 82 |
| F228 Perform service inspections on air compressors | 81 |
| G263 Perform periodic inspections on air compressors | 81 |
| G294 Perform periodic inspections on heaters | 80 |
| R844 Operate AGE tow vehicles | 80 |
| G286 Perform periodic inspections on floodlight sets | 79 |
| P741 Clean or paint battery boxes | 79 |
| R852 Position AGE to aircraft | 78 |
| R847 Operate two-way vehicle radios | 78 |
| F201 Perform operational checks of gas turbine compressors | 78 |
| F181 Perform operational checks of air conditioners | 78 |
| P756 Remove or install batteries | 78 |
| P746 Pack wheel bearings | 78 |
| H338 Remove or install battery cables | 78 |
| R850 Pick up or deliver AGE | 77 |
| F246 Perform service inspections on heaters | 77 |
| P738 Adjust brake systems | 77 |
| R833 Clean AGE | 76 |
| F240 Perform service inspections on floodlight sets | 76 |
| F206 Perform operational checks of hydraulic test stands | 76 |
| G292 Perform periodic inspections on generators | 75 |
| J467 Remove or install engine oil filters | 75 |
| H337 Recharge batteries | 75 |
| H342 Remove or install electrical fuses | 75 |
| H358 Repair battery cables | 75 |
| L545 Perform carbon monoxide tests (CMTs) | 74 |
| J401 Adjust belt tensions | 75 |
| H348 Remove or install manual toggle switches | 75 |
| R842 Fuel AGE | 74 |
| F210 Perform operational checks of load banks | 74 |
| G264 Perform periodic inspections on air conditioners | 74 |

* Average Number of Tasks Performed - 270

TABLE 27

TASKS WHICH BEST DIFFERENTIATE BETWEEN ALL DAFSC 2A652 AND DAFSC 2A672 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A652 (N=984) | 2A672 (N=975) | DIFFERENCE |
|---|------------------|------------------|------------|
| G263 Perform periodic inspections on air compressors | 72 | 47 | 25 |
| R833 Clean AGE | 76 | 51 | 25 |
| J467 Remove or install engine oil filters | 73 | 49 | 24 |
| P741 Clean or paint battery boxes | 69 | 45 | 24 |
| P746 Pack wheel bearings | 72 | 48 | 24 |
| P756 Remove or install batteries | 74 | 51 | 23 |
| G306 Perform periodic inspections on nonpowered maintenance stands | 58 | 36 | 22 |
| P767 Spot paint, stencil, mark, or reflectorize AGE | 69 | 46 | 22 |
| R834 Clean or wax vehicles | 64 | 41 | 22 |
| G294 Perform periodic inspections on heaters | 68 | 46 | 22 |
| G286 Perform periodic inspections on floodlight sets | 67 | 45 | 22 |
| P754 Remove or install AGE tire, tube, or wheel assemblies | 70 | 48 | 22 |
| R842 Fuel AGE | 72 | 50 | 22 |
| A21 Plan or conduct briefings | 14 | 40 | -26 |
| T885 Inspect completed maintenance | 20 | 47 | -27 |
| B37 Direct maintenance or utilization of equipment, supplies, or workspace | 12 | 40 | -28 |
| B48 Interpret policies, directives, or procedures for subordinates | 19 | 48 | -29 |
| A1 Assign personnel to duty positions, or work areas | 25 | 54 | -29 |
| A26 Schedule leaves or passes | 8 | 38 | -30 |
| C74 Evaluate personnel for compliance with performance standards | 16 | 47 | -31 |
| C75 Evaluate personnel for promotion, demotion, reclassification, or special awards | 10 | 42 | -31 |
| A6 Determine or establish work priorities | 34 | 66 | -32 |
| C90 Write EPRs | 22 | 56 | -34 |
| B30 Conduct or participate in staff meetings | 16 | 51 | -35 |
| C91 Write recommendations awards, decorations, or recognition packages | 16 | 51 | -35 |
| A22 Plan or schedule work assignments or priorities | 23 | 58 | -35 |
| B55 Supervise Aerospace Ground Equipment Craftsmen (AFSC 2A672) | 5 | 40 | -35 |
| B33 Counsel personnel on personal or military matters | 26 | 64 | -38 |
| B54 Supervise Aerospace Ground Equipment Journeymen (AFSC 2A652) | 24 | 66 | -41 |

TABLE 28

TASKS WHICH BEST DIFFERENTIATE BETWEEN ACTIVE DUTY DAFSC 2A652 AND DAFSC 2A672 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A652 (N=686) | 2A672 (N=650) | DIFFERENCE |
|---|------------------|------------------|------------|
| G263 Perform periodic inspections on air compressors | 65 | 28 | 37 |
| R833 Clean AGE | 70 | 35 | 35 |
| P741 Clean or paint battery boxes | 62 | 27 | 35 |
| G286 Perform periodic inspections on floodlight sets | 63 | 28 | 35 |
| J467 Remove or install engine oil filters | 67 | 32 | 35 |
| P746 Pack wheel bearings | 65 | 31 | 35 |
| R834 Clean or wax vehicles | 61 | 26 | 34 |
| G306 Perform periodic inspections on nonpowered maintenance stands | 63 | 29 | 34 |
| P754 Remove or install AGE tire, tube, or wheel assemblies | 65 | 33 | 32 |
| G294 Perform periodic inspections on heaters | 59 | 27 | 32 |
| R842 Fuel AGE | 67 | 35 | 32 |
| H338 Remove or install battery cables | 68 | 36 | 32 |
| A21 Plan or conduct briefings | 14 | 46 | -32 |
| A2 Assign sponsors for newly assigned personnel | 9 | 41 | -32 |
| A27 Schedule personnel for schools, temporary duty (TDY), or nontechnical training | 9 | 41 | -32 |
| C82 Evaluate work schedules | 8 | 41 | -33 |
| B37 Direct maintenance or utilization of equipment, supplies, or workspace | 12 | 45 | -33 |
| A14 Establish performance standards | 18 | 52 | -34 |
| A6 Determine or establish work priorities | 36 | 72 | -35 |
| B48 Interpret policies, directives, or procedures for subordinates | 21 | 57 | -36 |
| C74 Evaluate personnel for compliance with performance standards | 20 | 58 | -38 |
| C75 Evaluate personnel for promotion, demotion, reclassification, or special awards | 13 | 52 | -39 |
| B55 Supervise Aerospace Ground Equipment Craftsmen (AFSC 2A672) | 3 | 43 | -40 |
| A22 Plan or schedule work assignments or priorities | 24 | 65 | -41 |
| A26 Schedule leaves or passes | 8 | 51 | -43 |
| B30 Conduct or participate in staff meetings | 17 | 62 | -45 |
| B54 Supervise Aerospace Ground Equipment Journeymen (AFSC 2A652) | 24 | 69 | -45 |
| B33 Counsel personnel on personal or military matters | 32 | 77 | -45 |

TABLE 29

TASKS WHICH BEST DIFFERENTIATE BETWEEN GUARD DAFSC 2A652 AND DAFSC 2A672 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A652 (N=209) | 2A672 (N=215) | DIFFERENCE |
|---|------------------|------------------|------------|
| B54 Supervise Aerospace Ground Equipment Journeymen (AFSC 2A652) | 20 | 57 | -37 |
| T885 Inspect completed maintenance | 25 | 59 | -34 |
| D97 Conduct OJT | 32 | 62 | -30 |
| D101 Counsel trainees on training progress | 14 | 44 | -30 |
| B53 Supervise Aerospace Ground Equipment Apprentices (AFSC 2A632) | 30 | 58 | -28 |
| A22 Plan or schedule work assignments or priorities | 18 | 46 | -27 |
| D110 Evaluate OJT trainees or trainers | 10 | 35 | -26 |
| S863 Build composite tool kits (CTKs) | 25 | 51 | -26 |
| A6 Determine or establish work priorities | 25 | 52 | -26 |
| T888 Perform certified trainer tasks | 12 | 37 | -25 |
| B55 Supervise Aerospace Ground Equipment Craftsmen (AFSC 2A672) | 10 | 34 | -24 |
| B33 Counsel personnel on personal or military matters | 14 | 37 | -23 |
| D96 Conduct AGE operation training | 42 | 65 | -23 |
| S866 Initiate missing tool reports | 22 | 45 | -23 |
| E132 Determine due-in-from maintenance (DIFM) equipment status | 12 | 34 | -22 |
| N644 Adjust hydraulic high-pressure system components | 24 | 46 | -22 |
| R841 Dispatch AGE vehicle drivers | 26 | 48 | -22 |
| N645 Adjust hydraulic low-pressure system components | 23 | 46 | -22 |
| J468 Remove or install engine oil pressure-operated switches | 39 | 61 | -22 |
| I394 Repair battery chargers | 35 | 58 | -22 |
| B49 Inventory equipment or supplies | 30 | 51 | -21 |
| D100 Conduct vehicle operator training | 15 | 36 | -21 |
| D102 Determine task training requirements | 12 | 33 | -21 |
| T886 Perform activity inspections | 8 | 29 | -21 |
| A1 Assign personnel to duty positions, or work areas | 24 | 46 | -21 |
| E140 Inquire CAMS for AGE scheduled, unscheduled, or deferred equipment discrepancies | 32 | 53 | -21 |
| R836 Coordinate vehicle or equipment status with maintenance control | 35 | 56 | -20 |

TABLE 30

TASKS WHICH BEST DIFFERENTIATE BETWEEN RESERVE DAFSC 2A652 AND DAFSC 2A672 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A652 (N=87) | 2A672 (N=110) | DIFFERENCE |
|---|-----------------|------------------|------------|
| J446 Remove or install diesel engine blowers | 39 | 22 | 17 |
| J403 Adjust diesel engine fuel racks | 70 | 54 | 16 |
| J485 Remove or install spark plugs | 89 | 73 | 16 |
| J456 Remove or install engine electromechanical governors | 45 | 29 | 16 |
| G263 Perform periodic inspections on air compressors | 97 | 81 | 16 |
| J429 Clean diesel engine fuel injectors | 45 | 30 | 15 |
| J402 Adjust diesel engine fuel injectors | 66 | 51 | 15 |
| J438 Measure engine valve lash or clearances | 43 | 28 | 14 |
| J484 Remove or install reciprocating engine thermostats | 46 | 32 | 14 |
| J431 Clean engine valves or valve seats | 36 | 22 | 14 |
| J449 Remove or install diesel engine fuel injectors | 56 | 43 | 14 |
| F246 Perform service inspections on heaters | 91 | 77 | 14 |
| K521 Remove or install motor or generator cooling fans or fins | 30 | 16 | 14 |
| J489 Remove or install turbine engine ignitor plugs | 64 | 51 | 13 |
| J467 Remove or install engine oil filters | 89 | 75 | 13 |
| F234 Perform service inspections on blowers | 45 | 32 | 13 |
| D94 Advise staff or unit personnel on training matters | 8 | 27 | -19 |
| T887 Perform activity or performance spot checks | 9 | 29 | -20 |
| C75 Evaluate personnel for promotion, demotion, reclassification, or special awards | 4 | 24 | -20 |
| T885 Inspect completed maintenance | 23 | 44 | -21 |
| B37 Direct maintenance or utilization of equipment, supplies, or workspace | 8 | 32 | -24 |
| D101 Counsel trainees on training progress | 20 | 44 | -24 |
| B54 Supervise Aerospace Ground Equipment Journeymen (AFSC 2A652) | 37 | 61 | -24 |
| T888 Perform certified trainer tasks | 13 | 38 | -26 |
| B55 Supervise Aerospace Ground Equipment Craftsmen (AFSC 2A672) | 8 | 35 | -27 |
| B33 Counsel personnel on personal or military matters | 14 | 41 | -27 |
| A6 Determine or establish work priorities | 30 | 58 | -28 |
| D97 Conduct OJT | 36 | 65 | -30 |
| A1 Assign personnel to duty positions, or work areas | 24 | 55 | -30 |

TABLE 31

REPRESENTATIVE TASKS PERFORMED BY ALL DAFSC 2A692 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=70) |
|--|--|
| A1 Assign personnel to duty positions, or work areas | 93 |
| C85 Inspect cleanliness of work area | 91 |
| B30 Conduct or participate in staff meetings | 89 |
| B33 Counsel personnel on personal or military matters | 89 |
| B55 Supervise Aerospace Ground Equipment Craftsmen (AFSC 2A672) | 87 |
| A6 Determine or establish work priorities | 87 |
| B48 Interpret policies, directives, or procedures for subordinates | 86 |
| C75 Evaluate personnel for promotion, demotion, reclassification, or special awards | 85 |
| A7 Determine requirements for space, personnel, equipment, or supplies | 85 |
| A21 Plan or conduct briefings | 84 |
| B37 Direct maintenance or utilization of equipment, supplies, or workspace | 84 |
| C91 Write recommendations awards, decorations, or recognition packages | 83 |
| C74 Evaluate personnel for compliance with performance standards | 81 |
| A9 Develop work methods or procedures | 81 |
| C69 Evaluate inspection reports or procedures | 81 |
| B50 Orient newly assigned personnel | 81 |
| A8 Develop organizational or functional charts | 80 |
| A22 Plan or schedule work assignments or priorities | 79 |
| A19 Plan AGE support of special missions, war plans, or training exercises | 79 |
| C059 Analyze workload requirements | 77 |
| A14 Establish performance standards | 77 |
| C72 Evaluate maintenance or utilization of workspace, equipment, or supplies | 77 |
| C82 Evaluate work schedules | 77 |
| C60 Complete self-inspection reports | 77 |
| A13 Establish organizational policies, office instructions (OIs), or standard operating procedures (SOPs) | 76 |
| A2 Assign sponsors for newly assigned personnel | 76 |
| C70 Evaluate job descriptions or positions | 76 |
| A27 Schedule personnel for schools, TDY, or nontechnical training | 74 |
| C65 Evaluate AGE support complaints | 74 |
| C71 Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program standards | 74 |
| A4 Determine AGE mission capable (MICAP) status | 74 |
| B34 Direct development or maintenance of status boards, graphs, or charts | 74 |

* Average Number of Tasks Performed - 173

TABLE 32

REPRESENTATIVE TASKS PERFORMED BY ACTIVE DUTY DAFSC 2A692 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=34) |
|---|--|
| A1 Assign personnel to duty positions, or work areas | 94 |
| B30 Conduct or participate in staff meetings | 91 |
| C90 Write EPRs | 91 |
| A21 Plan or conduct briefings | 88 |
| B33 Counsel personnel on personal or military matters | 88 |
| C84 Indorse enlisted performance reports (EPRs) | 85 |
| B48 Interpret policies, directives, or procedures for subordinates | 85 |
| A7 Determine requirements for space, personnel, equipment, or supplies | 85 |
| C85 Inspect cleanliness of work area | 85 |
| C91 Write recommendations awards, decorations, or recognition packages | 82 |
| C75 Evaluate personnel for promotion, demotion, reclassification, or special awards | 82 |
| A13 Establish organizational policies, office instructions (OIs), or standard operating procedures (SOPs) | 82 |
| A8 Develop organizational or functional charts | 82 |
| B55 Supervise Aerospace Ground Equipment Craftsmen (AFSC 2A672) | 79 |
| A6 Determine or establish work priorities | 79 |
| C65 Evaluate AGE support complaints | 79 |
| B37 Direct maintenance or utilization of equipment, supplies, or workspace | 79 |
| C59 Analyze workload requirements | 76 |
| C74 Evaluate personnel for compliance with performance standards | 76 |
| C87 Investigate accidents or incidents | 76 |
| A28 Write job descriptions or position | 76 |
| B50 Orient newly assigned personnel | 76 |
| B43 Implement quality assurance programs | 74 |
| A2 Assign sponsors for newly assigned personnel | 74 |
| C69 Evaluate inspection reports or procedures | 74 |
| C82 Evaluate work schedules | 74 |
| C64 Evaluate AGE abuse reports | 74 |

* Average Number of Tasks Performed - 83

TABLE 33

REPRESENTATIVE TASKS PERFORMED BY GUARD DAFSC 2A692 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=31) |
|--|--|
| C85 Inspect cleanliness of work area | 97 |
| B49 Inventory equipment or supplies | 97 |
| A22 Plan or schedule work assignments or priorities | 94 |
| B55 Supervise Aerospace Ground Equipment Craftsmen (AFSC 2A672) | 93 |
| A6 Determine or establish work priorities | 94 |
| A9 Develop work methods or procedures | 94 |
| C72 Evaluate maintenance or utilization of workspace, equipment, or supplies | 90 |
| C69 Evaluate inspection reports or procedures | 90 |
| C75 Evaluate personnel for promotion, demotion, reclassification, or special awards | 90 |
| B37 Direct maintenance or utilization of equipment, supplies, or workspace | 90 |
| A1 Assign personnel to duty positions, or work areas | 90 |
| A19 Plan AGE support of special missions, war plans, or training exercises | 90 |
| E170 Review or monitor AGE MICAP status | 90 |
| A5 Determine AGE corrosion control schedules | 90 |
| B33 Counsel personnel on personal or military matters | 90 |
| T885 Inspect completed maintenance | 87 |
| C86 Inspect mobility equipment | 87 |
| C74 Evaluate personnel for compliance with performance standards | 87 |
| B54 Supervise Aerospace Ground Equipment Journeymen (AFSC 2A652) | 87 |
| B30 Conduct or participate in staff meetings | 87 |
| B48 Interpret policies, directives, or procedures for subordinates | 87 |
| A7 Determine requirements for space, personnel, equipment, or supplies | 87 |
| E167 Research national stock or part numbers | 87 |
| B50 Orient newly assigned personnel | 87 |
| C71 Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program standards | 84 |

* Average Number of Tasks Performed - 271

TABLE 34

REPRESENTATIVE TASKS PERFORMED BY RESERVE DAFSC 2A692 PERSONNEL

| TASKS | PERCENT MEMBERS PERFORMING (N=5) |
|--|---|
| C85 Inspect cleanliness of work area | 100 |
| A6 Determine or establish work priorities | 100 |
| B49 Inventory equipment or supplies | 100 |
| A1 Assign personnel to duty positions, or work areas | 100 |
| A22 Plan or schedule work assignments or priorities | 100 |
| B55 Supervise Aerospace Ground Equipment Craftsmen (AFSC 2A672) | 100 |
| A14 Establish performance standards | 100 |
| B54 Supervise Aerospace Ground Equipment Journeymen (AFSC 2A652) | 100 |
| B39 Direct special projects or special duty activities | 100 |
| B53 Supervise Aerospace Ground Equipment Apprentices (AFSC 2A632) | 100 |
| D96 Conduct AGE operation training | 80 |
| A12 Establish or maintain publication libraries | 80 |
| C89 Write civilian performance ratings or supervisory appraisals | 80 |
| C75 Evaluate personnel for promotion, demotion, reclassification, or special awards | 80 |
| C74 Evaluate personnel for compliance with performance standards | 80 |
| C60 Complete self-inspection reports | 80 |
| C59 Analyze workload requirements | 80 |
| A23 Plan safety or security programs | 80 |
| B38 Direct preparation of official correspondence | 80 |
| C91 Write recommendations awards, decorations, or recognition packages | 80 |
| A7 Determine requirements for space, personnel, equipment, or supplies | 80 |
| C82 Evaluate work schedules | 80 |
| C70 Evaluate job descriptions or positions | 80 |
| E161 Perform AGE supervisor maintenance actions reviews | 80 |
| B35 Direct Environmental Protection Agency (EPA) programs | 80 |
| C71 Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program standards | 80 |

* Average Number of Tasks Performed - 188

TABLE 35

TASKS WHICH BEST DIFFERENTIATE BETWEEN DAFSC 2A672 AND DAFSC 2A692 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A672 (N=975) | 2A692 (N=70) | DIFFERENCE |
|---|------------------|-----------------|------------|
| F199 Perform operational checks of floodlight sets | 62 | 19 | 43 |
| F201 Perform operational checks of gas turbine compressors | 56 | 13 | 43 |
| F203 Perform operational checks of generators | 63 | 21 | 42 |
| F206 Perform operational checks of hydraulic test stands | 56 | 16 | 40 |
| F240 Perform service inspections on floodlight sets | 57 | 17 | 40 |
| F227 Perform operator inspections on tow vehicles | 56 | 17 | 38 |
| F180 Perform operational checks of air compressors | 64 | 26 | 38 |
| P738 Adjust brake systems | 48 | 10 | 38 |
| F217 Perform operational checks of nonpowered AGE maintenance stands | 49 | 11 | 38 |
| F241 Perform service inspections on gas turbine compressors | 51 | 14 | 37 |
| F187 Perform operational checks of aircraft tripods or axle jacks | 42 | 6 | 36 |
| C82 Evaluate work schedules | 33 | 77 | -45 |
| A21 Plan or conduct briefings | 40 | 84 | -45 |
| C77 Evaluate quality control procedures | 25 | 70 | -45 |
| A7 Determine requirements for space, personnel, equipment, or supplies | 40 | 86 | -46 |
| C81 Evaluate suggestions | 24 | 70 | -46 |
| B55 Supervise Aerospace Ground Equipment Craftsmen (AFSC 2A672) | 40 | 87 | -47 |
| C87 Investigate accidents or incidents | 23 | 70 | -47 |
| A20 Plan facility layouts | 13 | 61 | -48 |
| B38 Direct preparation of official correspondence | 23 | 71 | -48 |
| B47 Initiate personnel action requests | 15 | 64 | -50 |
| B36 Direct maintenance of administrative files | 18 | 69 | -51 |
| C65 Evaluate AGE support complaints | 23 | 74 | -51 |
| A13 Establish organizational policies, office instructions, or standard operating procedures (SOPs) | 24 | 76 | -52 |
| A19 Plan AGE support of special missions, war plans, or training exercises | 25 | 79 | -54 |
| C67 Evaluate budget requirements | 10 | 64 | -55 |
| A8 Develop organizational or functional charts | 25 | 80 | -55 |
| C70 Evaluate job descriptions or positions | 19 | 76 | -57 |
| C69 Evaluate inspection reports or procedures | 22 | 81 | -59 |

TABLE 36

TASKS WHICH BEST DIFFERENTIATE BETWEEN ACTIVE DUTY DAFSC 2A672 AND DAFSC 2A692 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A672 (N=650) | 2A692 (N=34) | DIFFERENCE |
|---|------------------|-----------------|------------|
| F199 Perform operational checks of floodlight sets | 52 | 0 | 52 |
| F180 Perform operational checks of air compressors | 52 | 3 | 49 |
| F205 Perform operational checks of heaters | 51 | 3 | 48 |
| F203 Perform operational checks of generators | 50 | 3 | 48 |
| F201 Perform operational checks of gas turbine compressors | 47 | 0 | 47 |
| F206 Perform operational checks of hydraulic test stands | 46 | 0 | 46 |
| F240 Perform service inspections on floodlight sets | 46 | 0 | 46 |
| S867 Inspect CTKs | 57 | 12 | 46 |
| F227 Perform operator inspections on tow vehicles | 48 | 3 | 45 |
| F181 Perform operational checks of air conditioners | 44 | 0 | 44 |
| F187 Perform operational checks of aircraft tripods or axle jacks | 44 | 0 | 44 |
| F210 Perform operational checks of load banks | 47 | 3 | 44 |
| A21 Plan or conduct briefings | 46 | 88 | -42 |
| A20 Plan facility layouts | 14 | 59 | -45 |
| C70 Evaluate job descriptions or positions | 23 | 68 | -45 |
| A19 Plan AGE support of special missions, war plans, or training exercises | 25 | 71 | -46 |
| A10 Draft financial budgets | 16 | 62 | -46 |
| C92 Write staff studies, surveys, or special reports, other than training, inspection, or SAV reports | 18 | 65 | -47 |
| C69 Evaluate inspection reports or procedures | 26 | 74 | -47 |
| C87 Investigate accidents or incidents | 28 | 76 | -48 |
| A28 Write job descriptions or position | 28 | 76 | -48 |
| C84 Indorse enlisted performance reports (EPRs) | 35 | 85 | -50 |
| C65 Evaluate AGE support complaints | 29 | 79 | -50 |
| A13 Establish organizational policies, office instructions, or standard operating procedures (SOPs) | 29 | 82 | -53 |
| B41 Implement cost-reduction programs | 17 | 71 | -54 |
| C64 Evaluate AGE abuse reports | 19 | 74 | -54 |
| A8 Develop organizational or functional charts | 26 | 82 | -57 |
| C67 Evaluate budget requirements | 12 | 71 | -58 |

TABLE 37

TASKS WHICH BEST DIFFERENTIATE BETWEEN GUARD DAFSC 2A672 AND DAFSC 2A692 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A672 (N=215) | 2A692 (N=31) | DIFFERENCE |
|---|------------------|-----------------|------------|
| G286 Perform periodic inspections on floodlight sets | 80 | 23 | 58 |
| P738 Adjust brake systems | 75 | 19 | 56 |
| G263 Perform periodic inspections on air compressors | 85 | 29 | 56 |
| P751 Remove or install AGE brake assembly components | 74 | 19 | 55 |
| P750 Remove or install AGE brake assemblies | 74 | 19 | 55 |
| F201 Perform operational checks of gas turbine compressors | 73 | 19 | 54 |
| G295 Perform periodic inspections on hydraulic test stands | 70 | 16 | 54 |
| F203 Perform operational checks of generators | 89 | 35 | 53 |
| P770 Troubleshoot brake system malfunctions | 69 | 16 | 53 |
| F240 Perform service inspections on floodlight sets | 81 | 29 | 52 |
| D119 Select on-the-job training (OJT) trainers or certifiers | 16 | 77 | -61 |
| B38 Direct preparation of official correspondence | 9 | 71 | -62 |
| C89 Write civilian performance ratings or supervisory appraisals | 6 | 68 | -62 |
| C74 Evaluate personnel for compliance with performance standards | 25 | 87 | -62 |
| A15 Interview civilian employment applicants | 9 | 71 | -62 |
| C76 Evaluate procedures for storage, inventory, or inspection of property items | 16 | 81 | -65 |
| A27 Schedule personnel for schools, temporary duty (TDY), or nontechnical training | 16 | 81 | -65 |
| A26 Schedule leaves or passes | 13 | 77 | -65 |
| E155 Maintain property custodian authorization/custody receipt listings (CA/CRLs) | 19 | 84 | -65 |
| A16 Interview prospective cross-trainees | 12 | 77 | -66 |
| C72 Evaluate maintenance or utilization of workspace, equipment, or supplies | 24 | 90 | -66 |
| C82 Evaluate work schedules | 14 | 81 | -67 |
| C75 Evaluate personnel for promotion, demotion, reclassification, or special awards | 22 | 90 | -68 |
| C91 Write recommendations awards, decorations, or recognition packages | 16 | 84 | -68 |
| A14 Establish performance standards | 15 | 84 | -69 |
| B36 Direct maintenance of administrative files | 13 | 84 | -71 |
| C70 Evaluate job descriptions or positions | 12 | 84 | -72 |
| B47 Initiate personnel action requests | 10 | 84 | -74 |
| C69 Evaluate inspection reports or procedures | 16 | 90 | -74 |

TABLE 38

TASKS WHICH BEST DIFFERENTIATE BETWEEN RESERVE DAFSC 2A672 AND DAFSC 2A692 PERSONNEL
(PERCENT MEMBERS PERFORMING)

| TASKS | 2A672 (N=110) | 2A692 (N=5) | DIFFERENCE |
|---|------------------|----------------|------------|
| H329 Clean receptacles, terminals, or connectors, other than for printed circuit boards | 62 | 0 | 62 |
| L536 Adjust burner control valves | 62 | 0 | 62 |
| H323 Adjust rheostats | 62 | 0 | 62 |
| G263 Perform periodic inspections on air compressors | 81 | 20 | 61 |
| G294 Perform periodic inspections on heaters | 80 | 20 | 60 |
| G286 Perform periodic inspections on floodlight sets | 79 | 20 | 59 |
| P741 Clean or paint battery boxes | 79 | 20 | 59 |
| H347 Remove or install load contactors | 58 | 0 | 58 |
| P756 Remove or install batteries | 78 | 20 | 58 |
| H338 Remove or install battery cables | 78 | 20 | 58 |
| P746 Pack wheel bearings | 78 | 20 | 58 |
| L543 Adjust temperature selector valve | 57 | 0 | 57 |
| P738 Adjust brake systems | 77 | 20 | 57 |
| I378 Adjust generator governors or control units, other than overspeed governors | 57 | 0 | 57 |
| C69 Evaluate inspection reports or procedures | 10 | 80 | -70 |
| C70 Evaluate job descriptions or positions | 10 | 80 | -70 |
| B31 Coordinate AGE contract maintenance with purchasing and contracting offices | 9 | 80 | -71 |
| C65 Evaluate AGE support complaints | 9 | 80 | -71 |
| C61 Complete staff assistance visit (SAV) inspection reports | 9 | 80 | -71 |
| A26 Schedule leaves or passes | 7 | 80 | -73 |
| C64 Evaluate AGE abuse reports | 7 | 80 | -73 |
| A11 Draft or write requests for table of allowance (TA) changes | 6 | 80 | -74 |
| C89 Write civilian performance ratings or supervisory appraisals | 6 | 80 | -74 |
| C83 Indorse civilian performance ratings or supervisory appraisals | 5 | 80 | -75 |
| A10 Draft financial budgets | 5 | 80 | -75 |
| A14 Establish performance standards | 20 | 100 | -80 |
| B39 Direct special projects or special duty activities | 18 | 100 | -82 |

TRAINING ANALYSIS

Occupational survey data represent one of many sources of information which are used to assist in the development of training programs for career ladder personnel. OSR data useful to training personnel include job descriptions for the various jobs performed within a career ladder, distribution of personnel across career ladder jobs, percentages of personnel performing specific tasks, and percentages of personnel maintaining specific equipment or systems, as well as the difficulty of tasks and TE ratings gathered from senior members of the career ladder.

Training Emphasis (TE) and Task Difficulty (TD) Data

TE and TD data are secondary factors that can help technical school personnel decide which entry-level training tasks to emphasize. These ratings, based on the judgments of senior career ladder NCOs at operational units, provide training personnel with a rank ordering of those tasks considered important for first-enlistment airman training (TE), and a measure of the difficulty of those tasks (TD). When combined with data on the percentages of first-enlistment personnel performing tasks, comparisons can be made to determine if training adjustments are necessary. For example, tasks receiving high ratings on both task factors (TE and TD), accompanied by moderate to high percentages performing, may warrant resident training. Those tasks receiving high task factor ratings, but low percentages performing may be more appropriately planned for OJT programs within the career ladder. Low task factor ratings may highlight tasks best omitted from training for first-enlistment personnel. This decision must be weighed against percentages of personnel performing the tasks, command concerns, and criticality of the tasks.

Table 39 lists the tasks having the highest TE ratings, as well as the percentages of first-job, first-enlistment, and TD ratings for each task. The majority of high TE tasks are performed by high percentages of both groups. Most tasks involved performing operational checks or service/periodic inspections on AGE.

Table 40 lists the tasks having the highest TD ratings, with the percentages of first-job, first-enlistment, 3-, 5-, and 7-skill level personnel performing, and TE ratings included for each task. The majority of tasks with high difficulty are supervisor related and not performed by high percentages of any group apart from 7-skill level group. Some tasks relating to troubleshooting equipment malfunctions were performed in slightly higher numbers of all personnel, but most high TD tasks were predominantly performed by 7-skill level personnel. Various lists of tasks, accompanied by TD ratings, are contained in the Training Extract package and should be reviewed in detail by technical school personnel. For a more detailed explanation of TD and TE ratings, see the Task Factor Administration in the SURVEY METHODOLOGY section of this report.

TABLE 39

DAFSC 2A6X2 TASKS WITH HIGHEST TRAINING EMPHASIS RATINGS

| TASKS | TNG EMP* | PERCENT MEMBERS PERFORMING | | TASK DIFF** |
|---|-------------|----------------------------------|------------|----------------|
| | | 1ST JOB | 1ST ENL | |
| F203 Perform operational checks of generators | 6.70 | 77 | 80 | 4.98 |
| F206 Perform operational checks of hydraulic test stands | 6.39 | 67 | 71 | 5.59 |
| G295 Perform periodic inspections on hydraulic test stands | 6.34 | 49 | 54 | 6.76 |
| F228 Perform service inspections on air compressors | 6.34 | 83 | 84 | 4.06 |
| G294 Perform periodic inspections on heaters | 6.31 | 69 | 69 | 5.29 |
| F205 Perform operational checks of heaters | 6.30 | 86 | 85 | 4.15 |
| F244 Perform service inspections on generators | 6.30 | 72 | 73 | 4.61 |
| F180 Perform operational checks of air compressors | 6.26 | 86 | 87 | 4.18 |
| F210 Perform operational checks of load banks | 6.21 | 66 | 72 | 5.02 |
| G292 Perform periodic inspections on generators | 6.21 | 56 | 63 | 5.92 |
| G286 Perform periodic inspections on floodlight sets | 6.17 | 70 | 71 | 5.12 |
| F181 Perform operational checks of air conditioners | 6.16 | 68 | 70 | 4.84 |
| H333 Measure amperage, resistance, frequency, or voltage of AGE electrical systems | 6.16 | 61 | 66 | 5.38 |
| F247 Perform service inspections on hydraulic test stands | 6.13 | 62 | 66 | 4.87 |
| F240 Perform service inspections on floodlight sets | 6.11 | 82 | 81 | 3.98 |
| F246 Perform service inspections on heaters | 6.09 | 79 | 78 | 3.99 |
| F201 Perform operational checks of gas turbine compressors | 6.07 | 63 | 65 | 4.99 |
| H375 Troubleshoot electrical circuitry malfunctions, other than integrated or solid-state circuitries | 6.01 | 46 | 52 | 6.66 |
| F229 Perform service inspections on air conditioners | 5.96 | 65 | 67 | 4.60 |
| G288 Perform periodic inspections on gas turbine compressors | 5.90 | 47 | 51 | 6.21 |
| G263 Perform periodic inspections on air compressors | 5.83 | 69 | 72 | 5.37 |
| F199 Perform operational checks of floodlight sets | 5.81 | 83 | 84 | 3.86 |
| F241 Perform service inspections on gas turbine compressors | 5.80 | 57 | 60 | 4.59 |
| G264 Perform periodic inspections on air conditioners | 5.80 | 53 | 56 | 6.04 |
| L545 Perform carbon monoxide tests (CMTs) | 5.69 | 53 | 57 | 4.33 |
| M587 Charge or recover refrigerant systems | 5.66 | 10 | 12 | 6.98 |
| H331 Determine serviceability of batteries | 5.56 | 56 | 61 | 3.34 |
| J494 Research TOs for engine maintenance instructions on engines | 5.53 | 40 | 44 | 4.88 |
| H373 Solder electrical system wiring | 5.49 | 53 | 61 | 4.66 |

* Mean TE Rating is 2.50, and Standard Deviation is 1.40 (High TE = 3.90)

** Mean TD Rating is 5.00, and Standard Deviation is 1.00

TABLE 40

DAFSC 2A6X2 TASKS WITH HIGHEST TASK DIFFICULTY RATINGS

| TASKS | TASK DIFF* | PERCENT MEMBERS PERFORMING | | | | | | | | | | TNG |
|-------|---------------|----------------------------|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| | | 1ST JOB | 1ST ENL | DAFSC 2A632 | DAFSC 2A652 | DAFSC 2A672 | DAFSC 2A672 | DAFSC 2A672 | DAFSC 2A672 | DAFSC 2A672 | DAFSC 2A672 | |
| A10 | 8.44 | 2 | 3 | 3 | 5 | 16 | | | | | | .47 |
| D122 | 8.17 | 0 | 0 | 0 | 1 | 2 | | | | | | .40 |
| I399 | 8.06 | 12 | 15 | 12 | 23 | 19 | | | | | | 3.16 |
| A19 | 7.88 | 2 | 2 | 2 | 6 | 25 | | | | | | .96 |
| T896 | 7.61 | 0 | 0 | 0 | 0 | 1 | | | | | | .11 |
| C92 | 7.48 | 1 | 1 | 1 | 3 | 18 | | | | | | .46 |
| A11 | 7.44 | 3 | 3 | 3 | 4 | 14 | | | | | | .63 |
| C67 | 7.27 | 0 | 0 | 0 | 4 | 12 | | | | | | .60 |
| B35 | 7.27 | 2 | 2 | 1 | 8 | 23 | | | | | | .91 |
| A13 | 7.26 | 3 | 3 | 3 | 8 | 29 | | | | | | 1.14 |
| J493 | 7.25 | 8 | 10 | 9 | 11 | 5 | | | | | | 2.57 |
| N651 | 7.25 | 1 | 2 | 1 | 6 | 4 | | | | | | 1.50 |
| D123 | 7.24 | 0 | 0 | 0 | 1 | 6 | | | | | | .33 |
| H376 | 7.17 | 19 | 26 | 21 | 36 | 26 | | | | | | 3.56 |
| J476 | 7.12 | 36 | 43 | 39 | 50 | 26 | | | | | | 4.49 |
| A20 | 7.03 | 3 | 2 | 2 | 5 | 14 | | | | | | .39 |
| M639 | 7.01 | 10 | 13 | 10 | 20 | 16 | | | | | | 3.90 |
| D124 | 6.99 | 0 | 0 | 0 | 3 | 8 | | | | | | .59 |
| M587 | 6.98 | 10 | 12 | 10 | 17 | 12 | | | | | | 5.66 |
| J505 | 6.96 | 38 | 47 | 41 | 56 | 34 | | | | | | 5.01 |
| J422 | 6.96 | 11 | 15 | 11 | 24 | 15 | | | | | | 3.90 |
| J482 | 6.95 | 11 | 15 | 13 | 20 | 10 | | | | | | 2.77 |
| C91 | 6.94 | 0 | 1 | 0 | 20 | 67 | | | | | | 1.49 |
| V938 | 6.93 | 0 | 1 | 1 | 1 | 1 | | | | | | .13 |

* TD MEAN = 5.00; SD = 1.00

First-Enlistment Personnel

In this study, there are 679 AGE members in their first enlistment (1-48 months TAFMS), representing 27 percent of the survey sample. As displayed in Table 41, 21 percent of their time is spent performing operational or service inspections, with an additional 20 percent of their time spent maintaining either AGE engines or electrical systems. Figure 2 shows that 84 percent of first-enlistment personnel are distributed across either the Entry Level AGE Mechanic Cluster or the AGE Mechanic Job identified in the Specialty Jobs section of this report.

Table 42 displays commonly performed tasks for active-duty first-enlistment personnel. The majority of tasks displayed involve performance of operational checks on AGE, which supports the data presented in Table 47. Equipment maintained by 30 percent or more of first-job or first-enlistment personnel are listed in Tables 43 and 44. Table 45 includes special tools used by more than 30 percent of first-job or first-enlistment personnel.

Specialty Training Standard (STS)

In September 1996, training personnel from Sheppard AFB matched tasks in the JI to appropriate sections of the tentative STS. Due to the format of the STS (i.e., troubleshoot, correct malfunctions, etc.), over 150 STS items were not matched to any tasks in the JI. A listing of the STS was produced showing for each STS paragraph and subparagraph, tasks matched and percent criterion group members performing. This listing is included in the Training Extract sent to the school for review. Criteria set forth in AETC Instruction 36-2601, Attachment 2, and Paragraph 2.2 were used to review the relevance of each STS paragraph and subparagraph with matched tasks.

Any STS paragraph or subparagraph with matched tasks performed by 20 percent or more of first-job (1-24 months TAFMS), first-enlistment (1-48 months TAFMS), 3-, 5-, or 7-skill level members is considered to be supported and should be retained in the STS. All STS paragraphs with matched tasks were reviewed against OSR data. Since only half of the STS was matched, a thorough review of the entire STS was not possible. The standard analysis involving TAFMS and DAFSC groups resulted in a number of unsupported STS items. Table 46 lists examples of those STS items and matched tasks which did not meet the criteria. Apart from subparagraphs involving air-cycle machines, cabin pressure testers, and munitions loading trailers, the survey data supports inclusion of the majority of the paragraphs and subparagraphs that were matched in the STS. For ease of reading, only the first-enlistment and 5- and 7-skill level groups are presented in Table 46.

Tasks not matched to any element of the STS are listed at the end of the STS computer listing. Although over 300 technical tasks were not matched, few of these tasks were performed by more than 20 percent of any of the criterion groups. Table 47 shows inventory tasks not referenced, but performed by 20 percent or more of one criterion groups' members. All tasks not referenced should be reviewed to identify areas which may be included in future STSs.

TABLE 41

RELATIVE PERCENT OF TIME SPENT ACROSS DUTIES BY
ACTIVE DUTY FIRST-ENLISTMENT AFSC 2A6X2 PERSONNEL

| DUTIES | PERCENT TIME SPENT (N=679) |
|---|-------------------------------------|
| A ORGANIZING AND PLANNING | * |
| B DIRECTING AND IMPLEMENTING | 1 |
| C INSPECTING AND EVALUATING | * |
| D TRAINING | * |
| E PERFORMING GENERAL PRODUCTION SUPPORT TASKS | 5 |
| F PERFORMING OPERATIONAL OR SERVICE INSPECTIONS | 21 |
| G PERFORMING ANNUAL INSPECTIONS | 9 |
| H MAINTAINING AEROSPACE GROUND EQUIPMENT (AGE) ELECTRICAL SYSTEMS | 10 |
| I MAINTAINING AGE ELECTRONIC SYSTEMS | 2 |
| J MAINTAINING AGE ENGINES | 10 |
| K MAINTAINING AGE MOTORS OR GENERATORS | 2 |
| L MAINTAINING AGE HEATING SYSTEMS | 5 |
| M MAINTAINING AGE REFRIGERATION SYSTEMS OR EQUIPMENT COOLERS | 1 |
| N MAINTAINING AGE TEST STANDS, BOMB LIFTS, OR GROUND SERVICING HYDRAULIC SYSTEMS | 3 |
| O MAINTAINING AGE PNEUMATIC SYSTEMS | 3 |
| P MAINTAINING AGE ENCLOSURES, CHASSIS, OR DRIVES | 8 |
| Q MAINTAINING MOBILE THEATER AIR CONTROL SYSTEM (TACS) EQUIPMENT | * |
| R DISPATCHING AGE | 9 |
| S MAINTAINING SPECIAL TOOLS OR SHOP EQUIPMENT | 2 |
| T PERFORMING AGE QUALITY VERIFICATION TASKS | * |
| U PERFORMING NONPOWERED AGE MAINTENANCE | 3 |
| V PERFORMING CROSS UTILIZATION TRAINING (CUT) TASKS | * |

* Denotes less than 1 percent

NOTE: Columns may not add to 100 percent due to rounding

FIRST-ENLISTMENT PERSONNEL JOBS

*OTHER INCLUDES:
TACS; MUNITIONS,
PREOP/SVC INSPECTS;
HEATING SYSTEMS;
CAT; & BENCHSTOCK.

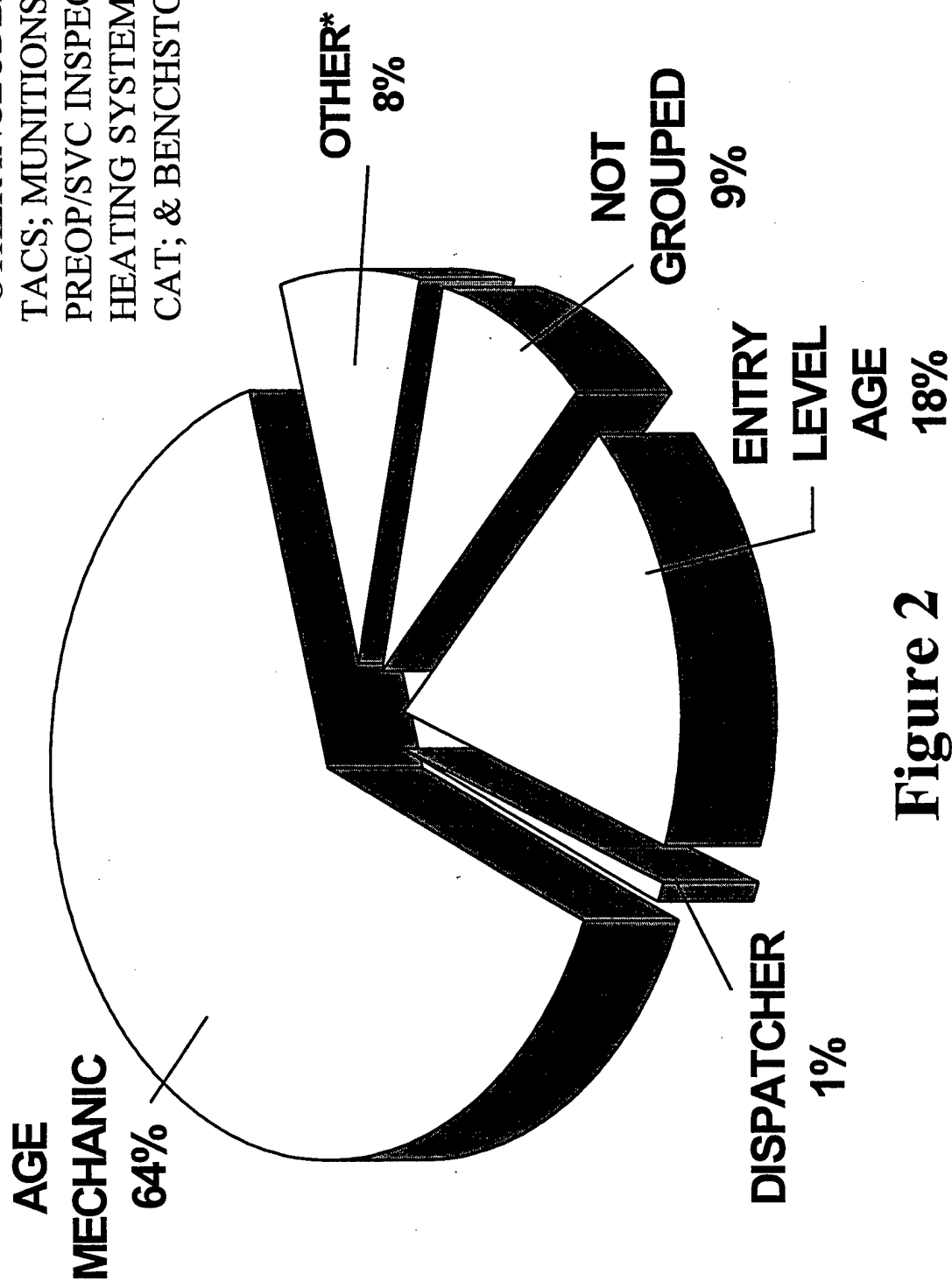


Figure 2

TABLE 42

MOST COMMONLY PERFORMED TASKS FOR
ACTIVE DUTY FIRST-ENLISTMENT 2A6X2 PERSONNEL

| TASKS | | PERCENT MEMBERS PERFORMING (N=679) |
|-------|---|---|
| F180 | Perform operational checks of air compressors | 87 |
| F205 | Perform operational checks of heaters | 85 |
| F228 | Perform service inspections on air compressors | 84 |
| F199 | Perform operational checks of floodlight sets | 84 |
| F240 | Perform service inspections on floodlight sets | 81 |
| F203 | Perform operational checks of generators | 80 |
| P746 | Pack wheel bearings | 80 |
| R833 | Clean AGE | 80 |
| P756 | Remove or install batteries | 80 |
| F246 | Perform service inspections on heaters | 78 |
| R842 | Fuel AGE | 77 |
| F217 | Perform operational checks of nonpowered AGE maintenance stands | 77 |
| F227 | Perform operator inspections on tow vehicles | 75 |
| R844 | Operate AGE tow vehicles | 74 |
| P754 | Remove or install AGE tire, tube, or wheel assemblies | 74 |
| H337 | Recharge batteries | 74 |
| J467 | Remove or install engine oil filters | 73 |
| F244 | Perform service inspections on generators | 73 |
| R850 | Pick up or deliver AGE | 73 |
| H342 | Remove or install electrical fuses | 73 |
| F210 | Perform operational checks of load banks | 72 |
| G263 | Perform periodic inspections on air compressors | 72 |
| F187 | Perform operational checks of aircraft tripods or axle jacks | 72 |
| P741 | Clean or paint battery boxes | 71 |
| F206 | Perform operational checks of hydraulic test stands | 71 |
| R847 | Operate two-way vehicle radios | 71 |
| P767 | Spot paint, stencil, mark, or reflectorize AGE | 71 |
| G306 | Perform periodic inspections on nonpowered maintenance stands | 71 |
| G286 | Perform periodic inspections on floodlight sets | 71 |
| H338 | Remove or install battery cables | 71 |
| F181 | Perform operational checks of air conditioners | 70 |

* Average Number of Tasks Performed - 176

TABLE 43

AIRCRAFT SUPPORT EQUIPMENT MAINTAINED BY MORE THAN 30 PERCENT
OF FIRST-JOB OR FIRST-ENLISTMENT AFSC 2A6X6 PERSONNEL

| EQUIPMENT | % MEMBERS MAINTAINING | |
|---|-----------------------|--------------------|
| | 1ST JOB (N=401) | 1ST ENL (N=679) |
| <u>GENERATORS</u> | | |
| A/M32A-86 A/C/D Hobart/Hollingsworth | 79 | 78 |
| NF-2D | 67 | 67 |
| NF-2 | 65 | 64 |
| A/M32A-60, A, B | 60 | 58 |
| MD-4 EM/EP/Esx/TE/T1dyn/Kurz & Root | 30 | 30 |
| <u>AIR CONDITIONERS</u> | | |
| MA-3D | 38 | 37 |
| A/M32C-10A,B,C,D | 37 | 36 |
| <u>BOMB LIFTS/BOMB TRAILERS</u> | | |
| MJ-1B | 44 | 47 |
| MHU-83, A/3, 83A/E, 83B/E, 83C/E, 83E | 43 | 47 |
| <u>AIR COMPRESSORS</u> | | |
| MC-1A Davey, Diesel | 75 | 75 |
| MC-7 Davey, Ingersoll Rnd/Worthington | 55 | 58 |
| MC-2, 2A Ingersoll Rnd/Worthington/Chmp | 52 | 52 |
| <u>HEATERS</u> | | |
| H-1 Hunter/Fiesta/AAF/Herman Nelson | 66 | 67 |
| HDU-13/M, Electric | 35 | 37 |

TABLE 44

NONPOWERED AGE AND TEST EQUIPMENT MAINTAINED BY MORE THAN
30 PERCENT OF FIRST-JOB OR FIRST-ENLISTMENT AFSC 2A6X6 PERSONNEL

| EQUIPMENT | % MEMBERS MAINTAINING | |
|---|-----------------------|--------------------|
| | 1ST JOB (N=401) | 1ST ENL (N=679) |
| <u>NONPOWERED AGE</u> | | |
| B-1 Maintenance Stand | 86 | 84 |
| B-4 Maintenance Stand | 84 | 82 |
| Aircraft Tow Bar | 77 | 76 |
| Axle Jack | 76 | 76 |
| Fuel Bowser | 72 | 72 |
| Floor Jack | 72 | 72 |
| Aircraft Tripod Jack | 72 | 71 |
| Hydraulic Servicing Cart | 70 | 71 |
| Liquid Oxygen (LOX) Cart | 67 | 65 |
| C-1 Maintenance Stand | 65 | 67 |
| B-2 Maintenance Stand | 59 | 59 |
| Oil Servicing Cart | 58 | 59 |
| Liquid Nitrogen Cart | 58 | 58 |
| Gaseous Oxygen Cart | 51 | 52 |
| B-5A Maintenance Stand | 50 | 48 |
| Aircraft Nose Jack | 47 | 50 |
| Gaseous Nitrogen Cart | 47 | 49 |
| F-2 Utility Trailer | 43 | 43 |
| Floor Crane | 40 | 43 |
| Aircraft Wheel Dolly | 39 | 39 |
| Maintenance Platform | 36 | 35 |
| Lowboy trailer | 36 | 40 |
| Tank Dolly | 31 | 33 |
| B-1 Maintenance Stand Adapter | 31 | 28 |
| <u>ELECTRICAL/ELECTRONIC TEST EQUIPMENT</u> | | |
| Digital Scale Multimeter | 77 | 76 |
| A/M 24T-8, 8A Load Bank | 68 | 67 |
| Digital tachometer | 34 | 36 |
| AC Ammeter | 33 | 33 |

TABLE 45

SPECIAL TOOLS USED BY MORE THAN 30 PERCENT OF
FIRST-JOB OR FIRST-ENLISTMENT AFSC 2A6X6 PERSONNEL

| TOOLS | % MEMBERS USING | |
|---|--------------------|--------------------|
| | 1ST JOB (N=401) | 1ST ENL (N=679) |
| Torque Wrench | 90 | 88 |
| Electric Drill | 88 | 87 |
| Heat Shrink Gun | 87 | 86 |
| Battery Charger | 86 | 84 |
| Jumper Cables | 81 | 80 |
| Breaker Bar | 79 | 78 |
| Bench Grinder | 77 | 77 |
| Soldering Iron | 77 | 76 |
| Soldering Gun | 76 | 76 |
| Crimping Tool | 75 | 75 |
| Pneumatic Drill | 75 | 75 |
| Drill Press | 74 | 74 |
| Impact Wrench | 73 | 70 |
| Sledge Hammer | 68 | 69 |
| Carbon Monoxide Tester | 65 | 66 |
| Gear Puller | 63 | 65 |
| Impact Driver | 58 | 59 |
| Defueling Pump | 57 | 59 |
| Diesel Engine Tune Up Kit | 52 | 57 |
| Fuel Pressure Gauge | 52 | 55 |
| Pace Soldering or Desoldering Equipment | 51 | 50 |
| Jack-Load Tester | 50 | 54 |
| Oil pressure Gauge | 49 | 49 |
| Straight Edge | 48 | 53 |
| Coupling Alignment Tools | 45 | 46 |
| Depth Gauge | 44 | 46 |
| Micrometer | 44 | 47 |
| Refrigerant Recovery System | 43 | 42 |
| Heater Coupling Alignment Tool | 42 | 44 |
| Spanner Wrench | 39 | 43 |
| Refrigerant Leak Detector | 38 | 38 |
| Safety Harness Assembly | 38 | 35 |
| Clutch Alignment Tool | 35 | 35 |
| Ring Compressor | 35 | 32 |
| Caliper | 34 | 33 |
| Heater or Air-Conditioning Thermometer | 33 | 33 |
| Propane Torch | 33 | 35 |
| Quick Disconnect Run-Around | 32 | 33 |
| Vacuum Pump | 30 | 30 |
| Ram Lock | 30 | 29 |
| Belt Tension Tester | 30 | 28 |
| Compression Tester | 30 | 30 |

TABLE 46

STS ITEMS NOT SUPPORTED BY OSR DATA
(PERCENT MEMBERS PERFORMING)

| STS REFERENCE/TASKS | 3-LVL PROF CODE | TNG EMP | % MEMBERS PERFORMING | | | TSK DIF |
|--|-----------------------|------------|-----------------------|----------------------|----------------------|------------|
| | | | 1ST ENL (N=679) | 5- LVL (N=686) | 7- LVL (N=650) | |
| <i>A2.5.7. Time Compliance Orders (TCTOs)</i> E129 Create CAMS or on-equipment time compliance technical order (TCTO) reporting | A | 1.97 | 7 | 12 | 16 | 5.27 |
| <i>A2.5.8. Technical Order (TO) Files Maintenance</i> E177 Update technical order (TO) files | | 2.91 | 7 | 16 | 15 | 4.82 |
| <i>A2.15.2.6. Operates antifreeze recycling system</i> J444 Recondition engine coolants | 2b | 2.77 | 15 | 15 | 8 | 4.54 |
| <i>A.2.17.6.2.1. Service Inspections</i> <i>(Cabin Pressure Testers)</i> F237 Perform service inspections on CPTs | | 2.81 | 12 | 17 | 11 | 4.06 |
| <i>A.2.17.7.2.2. Periodic Inspections (CPTs)</i> F237 Perform periodic inspections on CPTs | | 2.64 | 10 | 15 | 8 | 5.56 |
| <i>A2.18.1.6. Perform refrigerant recovery</i> M587 Charge or recover refrigerant systems | 2b | 5.66 | 12 | 17 | 12 | 6.98 |
| <i>A2.18.4.5. Correct malfunctions (air -cycle machine)</i> M599 Remove or install air cycle machines components, other than lubricator components | | 2.26 | 10 | 16 | 7 | 5.82 |
| M602 Remove or install air-cycle machines | | 2.14 | 5 | 9 | 5 | 5.82 |
| M607 Remove or install heat exchangers, other than heater teat exchangers | | 1.94 | 4 | 6 | 3 | 5.89 |
| M600 Remove or install air-cycle machine lubricator components | | 1.81 | 5 | 10 | 4 | 5.72 |
| M601 Remove or install air-cycle machine lubricators | | 1.81 | 5 | 8 | 4 | 5.53 |
| <i>A2.20.5.2.1. Service (Munitions Loading Trailers)</i> F258 Perform service inspections on powered munitions handling trailers | | 1.71 | 3 | 5 | 3 | 4.89 |
| <i>A2.22.1.2. Perform service inspections (De-icers)</i> F239 Perform service inspections on de-icers | | 2.27 | 10 | 12 | 8 | 4.78 |

TD MEAN = 5.00; SD = 1.00; TE MEAN = 2.50; SD = 1.40

TABLE 47

TECHNICAL TASKS PERFORMED BY 20 PERCENT OR MORE
GROUP MEMBERS BUT NOT REFERENCED BY STS

| TASKS | PERCENT MEMBERS PERFORMING | | | | | | |
|--|----------------------------|------------|------------|------------------|-------------------|------------------|------------|
| | TNG EMP | 1ST JOB | 1ST ENL | 2A632 (N=477) | 2A652 (N= 686) | 2A672 (N=650) | TSK DIF |
| F215 Perform operational checks of motor generators | 5.13 | 59 | 59 | 57 | 55 | 36 | 4.51 |
| P752 Remove or install AGE fuel tanks or components | 3.19 | 34 | 39 | 36 | 42 | 21 | 4.68 |
| T890 Perform foreign object damage (FOD) prevention inspections | 3.17 | 37 | 37 | 36 | 42 | 39 | 4.43 |
| P753 Remove or install AGE steering system components | 3.07 | 24 | 30 | 27 | 35 | 19 | 5.37 |
| F238 Perform service inspections on cranes | 2.71 | 30 | 36 | 30 | 37 | 21 | 4.08 |
| R842 Fuel AGE | 4.20 | 78 | 77 | 79 | 67 | 35 | 2.71 |
| I380 Adjust voltage regulators | 4.57 | 38 | 44 | 41 | 51 | 33 | 5.01 |
| I378 Adjust generator governors or control units, other than overspeed governors | 4.37 | 31 | 35 | 32 | 41 | 27 | 6.04 |
| I388 Remove or install diodes | 4.33 | 27 | 34 | 28 | 45 | 28 | 5.13 |
| H359 Repair cannon plugs | 4.20 | 26 | 32 | 28 | 40 | 24 | 5.31 |
| I393 Remove or install voltage regulators | 4.06 | 39 | 49 | 44 | 57 | 33 | 4.77 |
| I390 Remove or install printed circuit boards | 3.94 | 29 | 35 | 31 | 42 | 30 | 4.43 |
| F259 Perform service inspections on shop support equipment | 4.10 | 40 | 45 | 41 | 54 | 36 | 3.36 |
| F233 Perform service inspections on battery start carts | 4.04 | 35 | 38 | 37 | 36 | 21 | 3.80 |
| P756 Remove or install batteries | 3.77 | 80 | 80 | 82 | 68 | 37 | 3.00 |
| F255 Perform service inspections on nonpowered AGE maintenance | 3.50 | 67 | 68 | 67 | 65 | 36 | 3.23 |
| F254 Perform service inspections on nonpowered AGE aircraft | 3.13 | 45 | 50 | 47 | 51 | 27 | 3.21 |
| P768 Stop-drill panel cracks | 3.10 | 48 | 54 | 51 | 56 | 27 | 2.67 |
| P762 Remove or install panels, doors, or covers | 2.79 | 58 | 61 | 61 | 58 | 27 | 2.88 |
| P761 Remove or install hinges, stays, or fasteners | 2.67 | 52 | 56 | 55 | 57 | 27 | 3.25 |
| I381 Clean printed circuit-board electrical connection tracks or runs | 3.66 | 19 | 22 | 20 | 24 | 18 | 4.64 |

TD MEAN = 5.00; SD = 1.00

Plan of Instruction (POI)

At the same time the STS was matched to the task list, the POI for course J3ABR2A632-001 was also matched in the same way. Any POI paragraph or subparagraph with matched tasks performed by 30 percent or more of first-job (1-24 months TAFMS) or first-enlistment (1-48 months TAFMS) members is considered to be supported and should be retained in the POI. Although many POI paragraphs were not matched, of those paragraphs matched, there were only seven paragraphs with tasks which do not have 30 percent members performing for at least one job group. These POI paragraphs account for 18 hours of instructional time and can be found in Table 48. For the most part, those POI items not supported deal with property accountability, hazardous materials, and technical orders.

Tasks not matched to any POI element are listed at the end of the POI computer listing. According to the criteria listed in AETC Instruction 36-2601, Attachment 2, tasks with a percent of members performing greater than 30 percent for either first-job or first-enlistment personnel should be examined closely for inclusion in the POI. Review of the Training Extract shows that most of the technical tasks were not referenced to the POI, despite having greater than 30 percent members performing many of these tasks. Table 49 shows a sample of inventory tasks ranked in descending order of the computed Automated Training Indicator value and the percent of first-job and first-enlistment members performing, as well as the corresponding TE and TD ratings. Training personnel are encouraged to review the Training Extract as they undertake future revisions, if any, of the POI.

JOB SATISFACTION ANALYSIS

An examination of responses to the job satisfaction questions can give career ladder managers a better understanding of some of the factors which may affect the job performance of airmen in the career ladder. The AGE survey booklet included questions covering job interest, perceived utilization of talents and training, sense of accomplishment from work, and reenlistment intentions. The responses of the current survey sample were then analyzed by making the following comparisons: (1) among TAFMS groups of the AGE career ladder and a comparative sample of personnel from other Mission Equipment Management career ladders surveyed in 1995 (AFSCs 2A0X1A, 2A3X1A/B/C, 2E1X2, 2E7X3 and 2M0X3); (2) between current and previous survey experience groups; and (3) across specialty groups identified in the **SPECIALTY JOBS** section of the report.

Table 50 compares first-enlistment (1-48 months TAFMS), second-enlistment (49-96 months TAFMS), and career (97+ months TAFMS) group data to corresponding enlistment groups from other Mission Equipment Management AFSCs surveyed during the previous calendar year. These data give a relative measure of how the job satisfaction of AFSC 2A6X2 personnel compares with similar Air Force specialties. All three groups report comparable job

TABLE 48

POI ITEMS NOT SUPPORTED BY OSR DATA
(PERCENT MEMBERS PERFORMING)

| <u>POI OBJECTIVES/TASKS</u> | <u>TNG EMP</u> | <u>ATI</u> | <u>% MEMBERS PERFORMING</u> | | <u>TSK DIF</u> |
|---|--------------------|------------|---------------------------------|--------------------|--------------------|
| | | | <u>1ST JOB</u> | <u>1ST ENL</u> | |
| <i>I.4a. Identify basic facts pertaining to property accountability and responsibility</i> | | | | | |
| E155 Maintain property custodian authorization/custody receipt listings (CA/CRLs) | .67 | 2 | 0 | 1 | 6.10 |
| <i>I.6a. Complete Federal Hazardous Communication Program (FHCP)</i> | | | | | |
| E157 Mark hazardous or dangerous material containers | 3.43 | 7 | 10 | 12 | 4.98 |
| E160 Monitor collection and disposal of hazardous waste | 2.60 | 7 | 4 | 5 | 6.14 |
| <i>I.7d. Identify general principles for proper disposal procedures used in the hazardous materials program</i> | | | | | |
| E127 Coordinate disposal of hazardous or dangerous materials with action agencies | 2.19 | 2 | 3 | 5 | 6.43 |
| <i>II.1.a. Identify principles of the Air Force technical order system, and</i> | | | | | |
| <i>II.1.b. Identify simple facts pertaining to the use of the index type technical orders</i> | | | | | |
| E177 Update technical order (TO) files | 2.91 | 7 | 5 | 7 | 4.82 |
| E173 Schedule equipment for TCTOs | 1.49 | 2 | 1 | 2 | 4.70 |
| <i>II.1.c. Identify basic facts pertaining to Time Compliance Technical Orders (TCTOs)</i> | | | | | |
| E177 Update technical order (TO) files | 2.91 | 7 | 5 | 7 | 4.82 |
| E129 Create CAMS or on-equipment TCTO reporting | 1.97 | 2 | 5 | 7 | 5.27 |
| E173 Schedule equipment for TCTOs | 1.49 | 2 | 1 | 2 | 4.70 |
| <i>II.3a. Identify principles of the inspection system for AGE, and</i> | | | | | |
| <i>II.3.b. Given a case situation, make the required entries on an AFTO Form 244</i> | | | | | |
| E171 Schedule equipment for periodic or special inspections, other than in CAMS | 1.64 | 2 | 6 | 8 | 4.73 |
| <i>VI.4.b. Using a scenario and work unit code manual, complete AFTO form 244 and make CAMS entries</i> | | | | | |
| J449 Remove or install diesel engine fuel injectors | 4.67 | 11 | 25 | 29 | 5.79 |
| J447 Remove or install diesel engine fuel injector components | 4.44 | 11 | 24 | 27 | 6.09 |

TASK DIFF MEAN = 5.00; SD = 1.00; TNG EMP MEAN = 2.50; SD = 1.40

TABLE 49

TECHNICAL TASKS PERFORMED BY 30 PERCENT OR MORE
GROUP MEMBERS BUT NOT REFERENCED BY POI

| TASKS | TNG EMP | ATI | PERCENT MEMBERS PERFORMING | | | | TSK DIF |
|--|------------|-----|-------------------------------|-----|-----|-----|------------|
| | | | 1ST | JOB | 1ST | ENL | |
| F247 Perform service inspections on hydraulic test stands | 6.13 | 18 | 62 | | 66 | | 4.87 |
| G288 Perform periodic inspections on gas turbine compressors | 5.90 | 18 | 47 | | 51 | | 6.21 |
| G264 Perform periodic inspections on air conditioners | 5.80 | 18 | 53 | | 56 | | 6.04 |
| H373 Solder electrical system wiring | 5.49 | 18 | 53 | | 61 | | 4.66 |
| H351 Remove or install power cable heads | 5.21 | 18 | 51 | | 58 | | 4.78 |
| H352 Remove or install power cables | 4.94 | 18 | 51 | | 58 | | 4.23 |
| R853 Prepare AGE for mobility or training exercises, other than palletizing or depalletizing | 4.21 | 18 | 46 | | 50 | | 4.45 |
| P751 Remove or install AGE brake assembly components | 4.17 | 18 | 42 | | 50 | | 4.95 |
| P750 Remove or install AGE brake assemblies | 4.07 | 18 | 46 | | 53 | | 5.02 |
| J458 Remove or install engine fan belts | 4.04 | 18 | 47 | | 52 | | 4.01 |
| J460 Remove or install engine fuel lines or fittings | 3.90 | 18 | 46 | | 51 | | 4.09 |
| H331 Determine serviceability of batteries | 5.56 | 13 | 56 | | 61 | | 3.34 |
| R844 Operate AGE tow vehicles | 4.96 | 13 | 73 | | 74 | | 3.30 |
| J401 Adjust belt tensions | 4.83 | 13 | 64 | | 67 | | 3.56 |
| R847 Operate two-way vehicle radios | 4.61 | 13 | 71 | | 71 | | 2.76 |
| H337 Recharge batteries | 4.39 | 13 | 71 | | 74 | | 3.47 |
| J467 Remove or install engine oil filters | 4.34 | 13 | 73 | | 73 | | 3.10 |
| F217 Perform operational checks of nonpowered AGE maintenance stands | 4.27 | 13 | 78 | | 77 | | 3.19 |
| H329 Clean receptacles, terminals, or connectors, other than for printed circuit boards | 4.19 | 13 | 47 | | 55 | | 3.42 |
| J428 Clean and gap spark plugs | 4.10 | 13 | 62 | | 62 | | 2.82 |
| H326 Clean contactor points | 4.01 | 13 | 49 | | 54 | | 3.20 |

TD = 5.00; SD = 1.00

TABLE 50

JOB SATISFACTION INDICATORS FOR ACTIVE DUTY AFSC 2A6X2 TAFMS GROUPS
(PERCENT MEMBERS RESPONDING)

| | 1-48 MONTHS TAFMS | | 49-96 MONTHS TAFMS | | 97+ MONTHS TAFMS | |
|--|--------------------------|-----------------------------|--------------------------|---------------------------|--------------------------|-----------------------------|
| | AFSC 2A6X2 (N=679) | COMP SAMPLE (N=1,280) | AFSC 2A6X2 (N=288) | COMP SAMPLE (N=805) | AFSC 2A6X2 (N=877) | COMP SAMPLE (N=1,693) |
| <u>EXPRESSED JOB INTEREST:</u> | | | | | | |
| INTERESTING | 69 | 74 | 68 | 73 | 77 | 75 |
| SO-SO | 19 | 15 | 19 | 17 | 17 | 15 |
| DULL | 12 | 11 | 12 | 10 | 6 | 10 |
| <u>PERCEIVED USE OF TALENTS:</u> | | | | | | |
| FAIRLY WELL TO PERFECTLY | 81 | 81 | 82 | 82 | 88 | 83 |
| NONE TO VERY LITTLE | 19 | 19 | 18 | 18 | 12 | 17 |
| <u>PERCEIVED USE OF TRAINING:</u> | | | | | | |
| FAIRLY WELL TO PERFECT | 90 | 86 | 87 | 83 | 84 | 76 |
| NONE TO VERY LITTLE | 10 | 14 | 13 | 17 | 16 | 24 |
| <u>SENSE OF ACCOMPLISHMENT FROM JOB:</u> | | | | | | |
| SATISFIED | 69 | 58 | 69 | 72 | 77 | 73 |
| NEUTRAL | 18 | 42 | 13 | 28 | 9 | 10 |
| DISSATISFIED | 13 | 0 | 17 | 0 | 14 | 17 |
| <u>REENLISTMENT INTENTIONS:</u> | | | | | | |
| YES OR PROBABLY YES | 62 | 72 | 73 | 72 | 75 | 72 |
| NO OR PROBABLY NO | 38 | 13 | 26 | 11 | 7 | 9 |
| WILL RETIRE | 0 | 15 | 1 | 17 | 18 | 19 |

NOTE: Comparative data are from AFSCs 2A0X1A, 2A3X1A/B/C, 2E1X2, 2E7X3, and 2M0X3 surveyed in 1995

personnel compares with similar Air Force specialties. All three groups report comparable job satisfaction for all indicators except reenlistment intentions. The "NO OR PROBABLY NO" reenlistment intention indicators for the first- and second-enlistment groups were somewhat higher than other Mission Equipment Management AFSCs.

Table 51 compares job satisfaction indicator responses of TAFMS groups in the current survey to TAFMS groups for the previous survey. Generally, the 1996 responses are consistent to the 1990 responses apart from the expressed job interest for first- and second-term personnel being lower than reported in 1990. The higher perceived use of training expressed by the first two TAFMS groups is seen to be a positive indicator of the current training curriculum.

An examination of job satisfaction data can also reveal the influences performing certain jobs may have on overall job satisfaction. Table 52 presents job satisfaction data for the jobs identified in the career ladder structure for AFSC 2A6X2. Dispatcher, Preoperations or Service Inspection, and Production Support jobs were lower than the other AGE jobs on almost all job satisfaction indicators. Satisfaction ratings of incumbents in the first two jobs are not surprising, given that they are generally composed of first-term members who have historically expressed lower job satisfaction in this AFSC. On the other hand, Production Support members are considerably more senior (none in their first-enlistment) yet are given minimal supervisory duties. Generally, jobs and clusters with more experienced personnel such as the Field Training Detachment and Supervisory Cluster have very high expressed job satisfaction.

When there are issues in an occupation that are not directly addressed in the JI, survey respondents frequently provide write-in comments. The majority of write-in comments dealt with explaining the type of job held, base to which assigned (particularly ANG bases), or expanded upon the specific type of equipment used. Very few comments addressed anything other than the above mentioned topics.

IMPLICATIONS

As explained in the **INTRODUCTION**, this survey was conducted primarily to provide training personnel with current information on the AGE career ladder for use in reviewing current training programs and training documents. Overall job progression is normal and shows a distinct pattern as one moves from the 3- to the 9-skill level. The AFMAN 36-2108 *Specialty Description* broadly describes jobs and tasks being performed. Job satisfaction is fairly high, and no serious problem areas were noted. Analysis of career ladder documents indicate the STS and POI were generally supported. However, it is recommended that those tasks not referenced should be reviewed to identify learning objectives which may warrant inclusion in either future STSs or POIs.

TABLE 51

COMPARISON OF JOB SATISFACTION INDICATORS FOR AFSC 2A6X2
TAFMS GROUPS IN CURRENT STUDY TO PREVIOUS STUDY
(PERCENT MEMBERS RESPONDING)

| | 1-48 MONTHS TAFMS | | 49-96 MONTHS TAFMS | | 97+ MONTHS TAFMS | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|
| | 1996 2A6X2 (N=679) | 1990 454X1 (N=959) | 1996 2A6X2 (N=288) | 1990 454X1 (N=499) | 1996 2A6X2 (N=877) | 1990 454X1 (N=1,039) |
| <u>EXPRESSED JOB INTEREST:</u> | | | | | | |
| INTERESTING | 69 | 72 | 68 | 72 | 77 | 77 |
| SO-SO | 19 | 18 | 19 | 18 | 17 | 16 |
| DULL | 12 | 10 | 12 | 9 | 6 | 7 |
| <u>PERCEIVED USE OF TALENTS:</u> | | | | | | |
| FAIRLY WELL TO PERFECT | 81 | 83 | 82 | 82 | 88 | 85 |
| NONE TO VERY LITTLE | 19 | 17 | 18 | 19 | 12 | 15 |
| <u>PERCEIVED USE OF TRAINING:</u> | | | | | | |
| FAIRLY WELL TO PERFECT | 90 | 85 | 87 | 80 | 84 | 83 |
| NONE TO VERY LITTLE | 10 | 14 | 13 | 20 | 16 | 17 |
| <u>SENSE OF ACCOMPLISHMENT FROM JOB:</u> | | | | | | |
| SATISFIED | 69 | 75 | 69 | 74 | 77 | 76 |
| NEUTRAL | 18 | 13 | 13 | 14 | 9 | 11 |
| DISSATISFIED | 13 | 11 | 17 | 12 | 14 | 13 |
| <u>REENLISTMENT INTENTIONS:</u> | | | | | | |
| YES OR PROBABLY YES | 62 | 64 | 73 | 78 | 75 | 76 |
| NO OR PROBABLY NO | 38 | 35 | 26 | 22 | 7 | 8 |
| WILL RETIRE | 0 | 0 | 1 | 0 | 18 | 16 |

NOTE: Columns may not add to 100 percent due to rounding or nonresponse

TABLE 52

**JOB SATISFACTION INDICATORS FOR AFSC 2A6X2 JOB GROUPS
(PERCENT MEMBERS RESPONDING)**

| | DISPATCHER (N=14) | HEATING SYSTEMS MECHANIC (N=11) | ENTRY-LEVEL AGE MECHANIC CLUSTER (N=227) | PREOPS OR SERVICE INSPECTION (N=18) | AGE MECHANIC CLUSTER (N=1,339) |
|---|----------------------|--|--|--|---|
| <u>EXPRESSED JOB INTEREST:</u> | | | | | |
| INTERESTING | 57 | 73 | 65 | 56 | 77 |
| SO-SO | 29 | 27 | 23 | 39 | 15 |
| DULL | 14 | 0 | 12 | 6 | 8 |
| <u>PERCEIVED USE OF TALENTS:</u> | | | | | |
| FAIRLY WELL TO PERFECT | 57 | 100 | 78 | 83 | 88 |
| NONE TO VERY LITTLE | 43 | 0 | 22 | 17 | 12 |
| <u>PERCEIVED USE OF TRAINING:</u> | | | | | |
| FAIRLY WELL TO PERFECT | 78 | 100 | 89 | 83 | 94 |
| NONE TO VERY LITTLE | 22 | 0 | 11 | 17 | 6 |
| <u>SENSE OF ACCOMPLISHMENT FROM JOB:</u> | | | | | |
| SATISFIED | 57 | 73 | 65 | 56 | 77 |
| NEUTRAL | 14 | 0 | 18 | 33 | 13 |
| DISSATISFIED | 29 | 27 | 16 | 11 | 10 |
| <u>REENLISTMENT INTENTIONS:</u> | | | | | |
| YES OR PROBABLY YES | 64 | 64 | 67 | 67 | 78 |
| NO OR PROBABLY NO | 29 | 36 | 31 | 22 | 18 |
| WILL RETIRE | 7 | 0 | 2 | 11 | 3 |

NOTE: Columns may not add to 100 percent due to rounding or nonresponse

TABLE 52 (CONTINUED)

JOB SATISFACTION INDICATORS FOR AFSC 2A6X2 JOB GROUPS
(PERCENT MEMBERS RESPONDING)

| | THEATER AIR CONTROL SYSTEMS MAINTENANCE (N=102) | COMBAT AGE TEAM LEADER (N=72) | MUNITIONS AGE MECHANIC (N=21) | FIELD TRAINING DETACHMENT INSTRUCTOR (N=10) | BENCH STOCK MONITOR (N=24) |
|--|--|--|--|--|-------------------------------------|
| <u>EXPRESSED JOB INTEREST:</u> | | | | | |
| INTERESTING | 83 | 69 | 71 | 90 | 71 |
| SO-SO | 11 | 22 | 24 | 10 | 17 |
| DULL | 6 | 8 | 5 | 0 | 12 |
| <u>PERCEIVED USE OF TALENTS:</u> | | | | | |
| FAIRLY WELL TO PERFECT | 93 | 86 | 95 | 90 | 79 |
| NONE TO VERY LITTLE | 7 | 14 | 5 | 10 | 21 |
| <u>PERCEIVED USE OF TRAINING:</u> | | | | | |
| FAIRLY WELL TO PERFECT | 72 | 94 | 86 | 90 | 71 |
| NONE TO VERY LITTLE | 28 | 6 | 14 | 10 | 29 |
| <u>SENSE OF ACCOMPLISHMENT FROM JOB:</u> | | | | | |
| SATISFIED | 80 | 68 | 71 | 80 | 79 |
| NEUTRAL | 12 | 13 | 14 | 10 | 13 |
| DISSATISFIED | 8 | 19 | 15 | 10 | 8 |
| <u>REENLISTMENT INTENTIONS:</u> | | | | | |
| YES OR PROBABLY YES | 77 | 72 | 80 | 80 | 83 |
| NO OR PROBABLY NO | 17 | 6 | 10 | 0 | 17 |
| WILL RETIRE | 6 | 22 | 10 | 20 | 0 |

NOTE: Columns may not add to 100 percent due to rounding or nonresponse

TABLE 52 (CONTINUED)

JOB SATISFACTION INDICATORS FOR AFSC 2A6X2 JOB GROUPS
(PERCENT MEMBERS RESPONDING)

| | PRODUCTION SUPPORT (N=25) | QUALITY ASSURANCE INSPECTOR (N=22) | SUPERVISOR CLUSTER (N=280) | MOBILITY MANAGER (N=10) | ENVIRONMENTAL MANAGER (N=11) |
|--|---------------------------------|---|----------------------------------|-------------------------------|------------------------------------|
| <u>EXPRESSED JOB INTEREST:</u> | | | | | |
| INTERESTING | 48 | 86 | 84 | 70 | 82 |
| SO-SO | 44 | 9 | 14 | 20 | 18 |
| DULL | 8 | 5 | 12 | 10 | 0 |
| <u>PERCEIVED USE OF TALENTS:</u> | | | | | |
| FAIRLY WELL TO PERFECT | 80 | 91 | 91 | 60 | 100 |
| NONE TO VERY LITTLE | 20 | 9 | 9 | 40 | 0 |
| <u>PERCEIVED USE OF TRAINING:</u> | | | | | |
| FAIRLY WELL TO PERFECT | 68 | 91 | 86 | 40 | 64 |
| NONE TO VERY LITTLE | 32 | 9 | 14 | 60 | 36 |
| <u>SENSE OF ACCOMPLISHMENT FROM JOB:</u> | | | | | |
| SATISFIED | 64 | 77 | 82 | 60 | 82 |
| NEUTRAL | 20 | 5 | 6 | 20 | 9 |
| DISSATISFIED | 16 | 18 | 13 | 20 | 9 |
| <u>REENLISTMENT INTENTIONS:</u> | | | | | |
| YES OR PROBABLY YES | 68 | 82 | 69 | 90 | 82 |
| NO OR PROBABLY NO | 24 | 5 | 6 | 0 | 9 |
| WILL RETIRE | 8 | 14 | 25 | 10 | 9 |

NOTE: Columns may not add to 100 percent due to rounding or nonresponse

APPENDIX A

SELECTED REPRESENTATIVE TASKS PERFORMED BY MEMBERS OF CAREER LADDER JOBS

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TABLE A1
DISPATCH
NUMBER OF MEMBERS: 14
(STG280)

| <u>TASKS</u> | <u>PERCENT MEMBERS PERFORMING</u> |
|--|---|
| F228 Perform service inspections on air compressors | 100 |
| R847 Operate two-way vehicle radios | 93 |
| R842 Fuel AGE | 93 |
| R850 Pick up or deliver AGE | 93 |
| R852 Position AGE to aircraft | 93 |
| R844 Operate AGE tow vehicles | 86 |
| F205 Perform operational checks of heaters | 86 |
| F180 Perform operational checks of air compressors | 79 |
| F199 Perform operational checks of floodlight sets | 79 |
| F244 Perform service inspections on generators | 79 |
| F246 Perform service inspections on heaters | 79 |
| F240 Perform service inspections on floodlight sets | 71 |
| F203 Perform operational checks of generators | 71 |
| R859 Track AGE locations | 71 |
| R834 Clean or wax vehicles | 64 |
| F227 Perform operator inspections on tow vehicles | 64 |
| R861 Turn in or pick up vehicles | 64 |
| R833 Clean AGE | 57 |
| R853 Prepare AGE for mobility or training exercises, other than palletizing or depalletizing | 57 |
| H337 Recharge batteries | 57 |
| F206 Perform operational checks of hydraulic test stands | 57 |
| R841 Dispatch AGE vehicle drivers | 50 |
| F241 Perform service inspections on gas turbine compressors | 50 |
| F181 Perform operational checks of air conditioners | 50 |
| F229 Perform service inspections on air conditioners | 50 |
| F210 Perform operational checks of load banks | 43 |
| F201 Perform operational checks of gas turbine compressors | 43 |
| R849 Perform operator maintenance on vehicles, other than TACS vehicles | 36 |
| R843 Monitor AGE fuel usage | 36 |
| G294 Perform periodic inspections on heaters | 29 |

TABLE A2

HEATING SYSTEMS MECHANIC
NUMBER OF MEMBERS: 11
(STG237)

| <u>TASKS</u> | <u>PERCENT MEMBERS PERFORMING</u> |
|--|---|
| F205 Perform operational checks of heaters | 100 |
| L540 Adjust heater ignitor gaps | 100 |
| G294 Perform periodic inspections on heaters | 91 |
| F199 Perform operational checks of floodlight sets | 91 |
| P746 Pack wheel bearings | 91 |
| L573 Troubleshoot heater malfunctions | 91 |
| P756 Remove or install batteries | 91 |
| L542 Adjust heater temperature settings | 91 |
| G286 Perform periodic inspections on floodlight sets | 91 |
| H338 Remove or install battery cables | 91 |
| H337 Recharge batteries | 91 |
| G263 Perform periodic inspections on air compressors | 91 |
| R833 Clean AGE | 82 |
| P767 Spot paint, stencil, mark, or reflectorize AGE | 82 |
| L545 Perform carbon monoxide tests (CMTs) | 82 |
| F180 Perform operational checks of air compressors | 82 |
| L537 Adjust fuel pump pressure | 82 |
| J467 Remove or install engine oil filters | 82 |
| L567 Remove or install heater ignition coils | 82 |
| L570 Remove or install heater temperature selector valves | 82 |
| L566 Remove or install heater heat exchangers | 82 |
| H331 Determine serviceability of batteries | 73 |
| L561 Remove or install heater ducting | 73 |
| L565 Remove or install heater fuel pumps | 73 |
| L564 Remove or install heater fuel lines | 73 |
| F217 Perform operational checks of nonpowered AGE maintenance stands | 73 |
| P748 Prepare AGE for painting | 73 |
| F246 Perform service inspections on heaters | 64 |
| F240 Perform service inspections on floodlight sets | 64 |
| F203 Perform operational checks of generators | 55 |

TABLE A3
ENTRY LEVEL AGE MECHANIC CLUSTER
NUMBER OF MEMBERS: 227
(STG165)

| <u>TASKS</u> | <u>PERCENT MEMBERS PERFORMING</u> |
|---|---|
| F180 Perform operational checks of air compressors | 96 |
| F205 Perform operational checks of heaters | 92 |
| F228 Perform service inspections on air compressors | 92 |
| F240 Perform service inspections on floodlight sets | 90 |
| F199 Perform operational checks of floodlight sets | 89 |
| F246 Perform service inspections on heaters | 88 |
| R850 Pick up or deliver AGE | 86 |
| R842 Fuel AGE | 85 |
| R833 Clean AGE | 85 |
| R844 Operate AGE tow vehicles | 84 |
| R847 Operate two-way vehicle radios | 81 |
| F203 Perform operational checks of generators | 79 |
| R852 Position AGE to aircraft | 78 |
| P756 Remove or install batteries | 78 |
| F244 Perform service inspections on generators | 76 |
| F181 Perform operational checks of air conditioners | 76 |
| F227 Perform operator inspections on tow vehicles | 74 |
| H337 Recharge batteries | 74 |
| F217 Perform operational checks of nonpowered AGE maintenance stands | 72 |
| F229 Perform service inspections on air conditioners | 70 |
| F247 Perform service inspections on hydraulic test stands | 69 |
| F201 Perform operational checks of gas turbine compressors | 65 |
| F255 Perform service inspections on nonpowered AGE maintenance stands | 65 |
| R834 Clean or wax vehicles | 62 |
| P746 Pack wheel bearings | 61 |
| F241 Perform service inspections on gas turbine compressors | 61 |
| J467 Remove or install engine oil filters | 59 |
| G294 Perform periodic inspections on heaters | 52 |
| G286 Perform periodic inspections on floodlight sets | 51 |
| E162 Perform general shop housekeeping, such as cleaning drip pans or sweeping floors | 50 |

TABLE A4

PREOPERATIONS OR SERVICE INSPECTIONS

NUMBER OF MEMBERS: 18

(STG224)

| TASKS | PERCENT MEMBERS PERFORMING |
|---|----------------------------------|
| F180 Perform operational checks of air compressors | 100 |
| F217 Perform operational checks of nonpowered AGE maintenance stands | 100 |
| F228 Perform service inspections on air compressors | 100 |
| G292 Perform periodic inspections on generators | 100 |
| F203 Perform operational checks of generators | 94 |
| F199 Perform operational checks of floodlight sets | 94 |
| F205 Perform operational checks of heaters | 94 |
| F240 Perform service inspections on floodlight sets | 94 |
| F244 Perform service inspections on generators | 94 |
| F186 Perform operational checks of aircraft tow bars | 94 |
| G294 Perform periodic inspections on heaters | 94 |
| G286 Perform periodic inspections on floodlight sets | 94 |
| F210 Perform operational checks of load banks | 94 |
| G272 Perform periodic inspections on aircraft tow bars | 94 |
| F246 Perform service inspections on heaters | 89 |
| F247 Perform service inspections on hydraulic test stands | 89 |
| G264 Perform periodic inspections on air conditioners | 89 |
| F206 Perform operational checks of hydraulic test stands | 89 |
| F241 Perform service inspections on gas turbine compressors | 83 |
| F181 Perform operational checks of air conditioners | 83 |
| F229 Perform service inspections on air conditioners | 83 |
| F255 Perform service inspections on nonpowered AGE maintenance stands | 83 |
| G263 Perform periodic inspections on air compressors | 83 |
| F227 Perform operator inspections on tow vehicles | 78 |
| F215 Perform operational checks of motor generators | 78 |
| F201 Perform operational checks of gas turbine compressors | 78 |
| F187 Perform operational checks of aircraft tripods or axle jacks | 72 |
| E162 Perform general shop housekeeping, such as cleaning drip pans or sweeping floors | 61 |
| E167 Research national stock or part numbers | 50 |
| C85 Inspect cleanliness of work area | 39 |

TABLE A5

AGE MECHANIC CLUSTER
NUMBER OF MEMBERS: 1,339
(STG229)

| <u>TASKS</u> | <u>PERCENT MEMBERS PERFORMING</u> |
|---|---|
| F180 Perform operational checks of air compressors | 98 |
| F205 Perform operational checks of heaters | 97 |
| F199 Perform operational checks of floodlight sets | 96 |
| F228 Perform service inspections on air compressors | 96 |
| F240 Perform service inspections on floodlight sets | 95 |
| P756 Remove or install batteries | 94 |
| P746 Pack wheel bearings | 94 |
| F203 Perform operational checks of generators | 93 |
| F246 Perform service inspections on heaters | 93 |
| G286 Perform periodic inspections on floodlight sets | 92 |
| G263 Perform periodic inspections on air compressors | 92 |
| P754 Remove or install AGE tire, tube, or wheel assemblies | 92 |
| R833 Clean AGE | 91 |
| J467 Remove or install engine oil filters | 91 |
| R844 Operate AGE tow vehicles | 90 |
| P767 Spot paint, stencil, mark, or reflectorize AGE | 89 |
| G294 Perform periodic inspections on heaters | 89 |
| H337 Recharge batteries | 89 |
| F206 Perform operational checks of hydraulic test stands | 89 |
| R850 Pick up or deliver AGE | 88 |
| R842 Fuel AGE | 88 |
| R847 Operate two-way vehicle radios | 87 |
| F244 Perform service inspections on generators | 87 |
| H333 Measure amperage, resistance, frequency, or voltage of AGE electrical systems | 87 |
| G292 Perform periodic inspections on generators | 85 |
| F227 Perform operator inspections on tow vehicles | 85 |
| F201 Perform operational checks of gas turbine compressors | 85 |
| R852 Position AGE to aircraft | 83 |
| F241 Perform service inspections on gas turbine compressors | 82 |
| E162 Perform general shop housekeeping, such as cleaning drip pans or sweeping floors | 77 |

TABLE A6

THEATER AIR CONTROL SYSTEMS
NUMBER OF MEMBERS: 102
(GP037)

| <u>TASKS</u> | <u>PERCENT MEMBERS PERFORMING</u> |
|---|---|
| Q823 Remove or install grounding rods | 95 |
| H338 Remove or install battery cables | 94 |
| H342 Remove or install electrical fuses | 94 |
| Q820 Remove or install camouflage stakes | 92 |
| Q786 Drive in vehicle convoys | 91 |
| J401 Adjust belt tensions | 91 |
| H333 Measure amperage, resistance, frequency, or voltage of AGE electrical systems | 90 |
| H334 Parallel generators | 90 |
| H352 Remove or install power cables | 90 |
| Q819 Remove or install camouflage spreaders | 90 |
| J467 Remove or install engine oil filters | 89 |
| Q818 Remove or install camouflage posts | 88 |
| F213 Perform operational checks of mobile TACS generators | 87 |
| F215 Perform operational checks of motor generators | 86 |
| H339 Remove or install cannon plugs | 85 |
| Q801 Perform maintenance on camouflage | 85 |
| H375 Troubleshoot electrical circuitry malfunctions, other than integrated or solid-state circuitries | 83 |
| F203 Perform operational checks of generators | 81 |
| H325 Build power cables | 81 |
| I384 Measure amperage, resistance, frequency, or voltage of AGE electronic circuitry systems | 79 |
| G292 Perform periodic inspections on generators | 78 |
| I397 Research TOs, charts, or diagrams for electronic maintenance instructions | 78 |
| R833 Clean AGE | 76 |
| F210 Perform operational checks of load banks | 76 |
| Q789 Fuel mobile TACS vehicles | 76 |
| F244 Perform service inspections on generators | 75 |
| K512 Load test generator sets, other than wet stacking | 75 |
| K507 Adjust generator voltage or frequency output settings | 75 |
| F224 Perform operational checks of TACS mobilizers | 69 |
| F214 Perform operational checks of mobile TACS vehicles | 67 |

TABLE A7

COMBAT AGE TEAM LEADER
NUMBER OF MEMBERS: 72
(STG219)

| <u>TASKS</u> | <u>PERCENT MEMBERS PERFORMING</u> |
|---|---|
| F199 Perform operational checks of floodlight sets | 97 |
| B54 Supervise Aerospace Ground Equipment Journeymen (AFSC 2A652) | 96 |
| F180 Perform operational checks of air compressors | 96 |
| A6 Determine or establish work priorities | 94 |
| B53 Supervise Aerospace Ground Equipment Apprentices (AFSC 2A632) | 94 |
| C85 Inspect cleanliness of work area | 93 |
| A22 Plan or schedule work assignments or priorities | 89 |
| E140 Inquire CAMS for AGE scheduled, unscheduled, or deferred equipment discrepancies | 89 |
| D97 Conduct OJT | 89 |
| F217 Perform operational checks of nonpowered AGE maintenance stands | 89 |
| E167 Research national stock or part numbers | 88 |
| C90 Write EPRs | 88 |
| B33 Counsel personnel on personal or military matters | 88 |
| F205 Perform operational checks of heaters | 88 |
| F201 Perform operational checks of gas turbine compressors | 86 |
| E136 Inquire CAMS for AGE event maintenance | 85 |
| A1 Assign personnel to duty positions, or work areas | 83 |
| F203 Perform operational checks of generators | 83 |
| E130 Create or schedule CAMS equipment discrepancies | 82 |
| E139 Inquire CAMS for AGE maintenance snapshots | 82 |
| D101 Counsel trainees on training progress | 81 |
| C91 Write recommendations awards, decorations, or recognition packages | 81 |
| S867 Inspect CTKs | 79 |
| T885 Inspect completed maintenance | 78 |
| E138 Inquire CAMS for AGE maintenance repair equipment histories | 76 |
| E169 Review awaiting parts (AWPs) equipment status | 75 |
| E161 Perform AGE supervisor maintenance actions reviews | 71 |
| C74 Evaluate personnel for compliance with performance standards | 69 |
| A14 Establish performance standards | 69 |
| T890 Perform foreign object damage (FOD) prevention inspections | 68 |

TABLE A8

MUNITIONS AGE MECHANIC

NUMBER OF MEMBERS: 21

(STG218)

| TASKS | PERCENT MEMBERS PERFORMING |
|---|----------------------------------|
| I390 Remove or install printed circuit boards | 100 |
| F220 Perform operational checks of powered munitions handling trailers | 95 |
| I384 Measure amperage, resistance, frequency, or voltage of AGE electronic circuitry systems | 95 |
| H373 Solder electrical system wiring | 95 |
| I377 Adjust circuit card output signals | 90 |
| H375 Troubleshoot electrical circuitry malfunctions, other than integrated or solid-state circuitries | 90 |
| F223 Perform operational checks of shop support equipment | 90 |
| S867 Inspect CTKs | 90 |
| H329 Clean receptacles, terminals, or connectors, other than for printed circuit boards | 90 |
| H352 Remove or install power cables | 90 |
| G310 Perform periodic inspections on powered munitions handling trailers | 86 |
| I385 Perform circuit card signal input or output readings | 86 |
| G304 Perform periodic inspections on munitions handling equipment | 86 |
| F227 Perform operator inspections on tow vehicles | 86 |
| H349 Remove or install microswitches | 86 |
| I381 Clean printed circuit-board electrical connection tracks or runs | 86 |
| H333 Measure amperage, resistance, frequency, or voltage of AGE electrical systems | 81 |
| N694 Weight test bomb lifts | 81 |
| H321 Adjust microswitches | 81 |
| I397 Research TOs, charts, or diagrams for electronic maintenance instructions | 76 |
| F190 Perform operational checks of bomb lifts | 76 |
| H372 Research TOs, charts, or diagrams for electrical maintenance instructions | 76 |
| H339 Remove or install cannon plugs | 76 |
| F258 Perform service inspections on powered munitions handling trailers | 71 |
| E162 Perform general shop housekeeping, such as cleaning drip pans or sweeping floors | 71 |
| H359 Repair cannon plugs | 71 |
| I399 Troubleshoot integrated or solid-state circuitry malfunctions | 71 |
| G277 Perform periodic inspections on bomb lifts | 71 |
| R833 Clean AGE | 62 |
| R844 Operate AGE tow vehicles | 57 |

TABLE A9

FTD INSTRUCTOR
NUMBER OF MEMBERS: 10
(STG167)

| <u>TASKS</u> | <u>PERCENT MEMBERS PERFORMING</u> |
|---|---|
| D107 Develop lesson plans | 100 |
| D96 Conduct AGE operation training | 100 |
| N688 Research TOs, charts, or diagrams for AGE hydraulic systems maintenance instructions | 100 |
| L571 Research TOs, charts, or diagrams for heating systems maintenance instructions | 100 |
| L573 Troubleshoot heater malfunctions | 90 |
| F206 Perform operational checks of hydraulic test stands | 90 |
| F205 Perform operational checks of heaters | 90 |
| K512 Load test generator sets, other than wet stacking | 90 |
| L545 Perform carbon monoxide tests (CMTs) | 90 |
| D98 Conduct resident course classroom training | 80 |
| I397 Research TOs, charts, or diagrams for electronic maintenance instructions | 80 |
| D93 Administer tests | 80 |
| D118 Score tests | 80 |
| I384 Measure amperage, resistance, frequency, or voltage of AGE electronic circuitry systems | 80 |
| J505 Troubleshoot engine mechanical malfunctions | 80 |
| N692 Troubleshoot test stand hydraulic system malfunctions | 80 |
| J403 Adjust diesel engine fuel racks | 80 |
| I378 Adjust generator governors or control units, other than overspeed governors | 80 |
| H372 Research TOs, charts, or diagrams for electrical maintenance instructions | 70 |
| J494 Research TOs for engine maintenance instructions on engines | 70 |
| H375 Troubleshoot electrical circuitry malfunctions, other than integrated or solid-state circuitries | 70 |
| E177 Update technical order (TO) files | 70 |
| H333 Measure amperage, resistance, frequency, or voltage of AGE electrical systems | 70 |
| M63 Research TOs, charts, or diagrams for refrigeration systems or equipment | 70 |
| 6 cooler maintenance instructions | |
| F210 Perform operational checks of load banks | 70 |
| F246 Perform service inspections on heaters | 70 |
| K531 Research TOs for motor or generator maintenance instructions | 70 |
| D124 Write test questions | 60 |
| D111 Evaluate training methods, techniques, or programs | 60 |
| A21 Plan or conduct briefings | 60 |

TABLE A10

BENCH STOCK MONITOR
NUMBER OF MEMBERS: 24
(STG254)

| TASKS | PERCENT MEMBERS PERFORMING |
|--|----------------------------------|
| S871 Maintain bench stocks | 100 |
| S867 Inspect CTKs | 92 |
| S865 Establish bench stock levels | 88 |
| S870 Issue or turn in special tools or shop equipment, other than CTKs | 88 |
| S872 Maintain CTKs | 83 |
| E167 Research national stock or part numbers | 79 |
| S868 Inventory special tools or shop equipment, other than CTKs | 79 |
| S869 Issue or turn in CTKs | 79 |
| B49 Inventory equipment or supplies | 75 |
| A18 Monitor shelf-life programs | 71 |
| E162 Perform general shop housekeeping, such as cleaning drip pans or sweeping floors | 67 |
| S866 Initiate missing tool reports | 67 |
| A17 Monitor precious metal recovery programs | 63 |
| E164 Procure AGE repair kits or parts | 58 |
| S863 Build composite tool kits (CTKs) | 54 |
| E127 Coordinate disposal of hazardous or dangerous materials with action agencies | 50 |
| S873 Maintain hold bin parts | 50 |
| E160 Monitor collection and disposal of hazardous waste materials | 46 |
| S874 Maintain work order residues | 46 |
| C85 Inspect cleanliness of work area | 46 |
| E157 Mark hazardous or dangerous material containers | 42 |
| S875 Perform special inspections on emergency shop equipment, such as eye washes or first aid kits | 41 |
| C76 Evaluate procedures for storage, inventory, or inspection of property items | 38 |
| R834 Clean or wax vehicles | 38 |
| R843 Monitor AGE fuel usage | 33 |
| E172 Schedule equipment for test measurement diagnostic equipment (TMDE) inspections | 29 |

TABLE A11

PRODUCTION SUPPORT
NUMBER OF MEMBERS: 25
(STG368)

| <u>TASKS</u> | <u>PERCENT MEMBERS PERFORMING</u> |
|---|---|
| E140 Inquire CAMS for AGE scheduled, unscheduled, or deferred equipment discrepancies | 96 |
| E146 Load AGE annual inspections in CAMS | 92 |
| E149 Load AGE periodic inspections in CAMS | 88 |
| E130 Create or schedule CAMS equipment discrepancies | 88 |
| E167 Research national stock or part numbers | 84 |
| E170 Review or monitor AGE MICAP status | 84 |
| E169 Review awaiting parts (AWPs) equipment status | 84 |
| E138 Inquire CAMS for AGE maintenance repair equipment histories | 84 |
| E136 Inquire CAMS for AGE event maintenance | 84 |
| E137 Inquire CAMS for AGE maintenance data collection documents | 80 |
| E139 Inquire CAMS for AGE maintenance snapshots | 76 |
| E148 Load AGE histories in CAMS | 76 |
| S873 Maintain hold bin parts | 76 |
| S868 Inventory special tools or shop equipment, other than CTKs | 72 |
| E132 Determine due-in-from maintenance (DIFM) equipment status | 72 |
| E128 Create CAMS on-equipment maintenance reporting | 68 |
| E147 Load AGE event maintenance in CAMS | 68 |
| S867 Inspect CTKs | 68 |
| S871 Maintain bench stocks | 64 |
| E175 Update equipment status in CAMS | 64 |
| E135 Inquire CAMS for AGE estimated time in commission (ETIC) | 64 |
| S865 Establish bench stock levels | 64 |
| S870 Issue or turn in special tools or shop equipment, other than CTKs | 60 |
| E156 Maintain status boards, graphs, or charts | 60 |
| S872 Maintain CTKs | 60 |
| E144 Load acceptance inspections in CAMS | 60 |
| E164 Procure AGE repair kits or parts | 56 |
| E145 Load AGE allied job numbers in CAMS | 56 |
| S874 Maintain work order residues | 56 |
| E143 Inquire CAMS for work unit code equipment records | 52 |

TABLE A12

QUALITY ASSURANCE INSPECTOR

NUMBER OF MEMBERS: 22

(STG150)

| TASKS | PERCENT MEMBERS PERFORMING |
|--|----------------------------------|
| B43 Implement quality assurance programs | 95 |
| C77 Evaluate quality control procedures | 95 |
| T885 Inspect completed maintenance | 95 |
| T895 Perform quality verification inspections (QVIs) on AGE | 91 |
| C85 Inspect cleanliness of work area | 91 |
| C87 Investigate accidents or incidents | 91 |
| T887 Perform activity or performance spot checks | 86 |
| T890 Perform foreign object damage (FOD) prevention inspections | 86 |
| T894 Perform quality assurance task evaluations | 82 |
| C71 Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program standards | 82 |
| T892 Perform non-AGE related quality control activities, other than aircraft | 77 |
| T886 Perform activity inspections | 77 |
| B30 Conduct or participate in staff meetings | 77 |
| T879 Evaluate changes to TOs | 77 |
| C78 Evaluate safety or security programs, other than AFOSH | 73 |
| C73 Evaluate personnel compliance with EPA program standards | 73 |
| C69 Evaluate inspection reports or procedures | 68 |
| C74 Evaluate personnel for compliance with performance standards | 68 |
| C86 Inspect mobility equipment | 68 |
| T889 Perform exercise evaluation inspector | 68 |
| B29 Compile information for reports or staff studies | 64 |
| B44 Implement safety or security programs | 64 |
| T897 Perform TO verifications, validations, or prepublication reviews | 64 |
| T878 Establish inspections for baseline levels | 64 |
| C81 Evaluate suggestions | 64 |
| T893 Perform quality assurance supervisor evaluations | 59 |
| B48 Interpret policies, directives, or procedures for subordinates | 55 |
| C72 Evaluate maintenance or utilization of workspace, equipment, or supplies | 50 |
| E140 Inquire CAMS for AGE scheduled, unscheduled, or deferred equipment discrepancies | 50 |
| C60 Complete self-inspection reports | 41 |

TABLE A13

SUPERVISOR CLUSTER
NUMBER OF MEMBERS: 280
(STG112)

| <u>TASKS</u> | <u>PERCENT MEMBERS PERFORMING</u> |
|---|---|
| B33 Counsel personnel on personal or military matters | 95 |
| C85 Inspect cleanliness of work area | 91 |
| B30 Conduct or participate in staff meetings | 88 |
| A6 Determine or establish work priorities | 86 |
| C91 Write recommendations awards, decorations, or recognition packages | 84 |
| C90 Write EPRs | 83 |
| A1 Assign personnel to duty positions, or work areas | 83 |
| A22 Plan or schedule work assignments or priorities | 82 |
| B48 Interpret policies, directives, or procedures for subordinates | 81 |
| A26 Schedule leaves or passes | 81 |
| C74 Evaluate personnel for compliance with performance standards | 80 |
| B55 Supervise Aerospace Ground Equipment Craftsmen (AFSC 2A672) | 78 |
| A14 Establish performance standards | 78 |
| A9 Develop work methods or procedures | 78 |
| B50 Orient newly assigned personnel | 78 |
| C75 Evaluate personnel for promotion, demotion, reclassification, or special awards | 77 |
| A7 Determine requirements for space, personnel, equipment, or supplies | 77 |
| B37 Direct maintenance or utilization of equipment, supplies, or workspace | 73 |
| A21 Plan or conduct briefings | 72 |
| B54 Supervise Aerospace Ground Equipment Journeymen (AFSC 2A652) | 71 |
| C59 Analyze workload requirements | 70 |
| C82 Evaluate work schedules | 69 |
| A27 Schedule personnel for schools, temporary duty (TDY), or nontechnical training | 68 |
| E170 Review or monitor AGE MICAP status | 66 |
| C72 Evaluate maintenance or utilization of workspace, equipment, or supplies | 66 |
| C60 Complete self-inspection reports | 66 |
| C84 Indorse enlisted performance reports (EPRs) | 60 |
| B49 Inventory equipment or supplies | 59 |
| B38 Direct preparation of official correspondence | 58 |
| B53 Supervise Aerospace Ground Equipment Apprentices (AFSC 2A632) | 56 |

TABLE A14

MOBILITY MANAGER
NUMBER OF MEMBERS: 10
(STG247)

| <u>TASKS</u> | <u>PERCENT MEMBERS PERFORMING</u> |
|--|---|
| C86 Inspect mobility equipment | 90 |
| E153 Maintain mobility personnel listings | 90 |
| B58 Update contingency plans | 90 |
| B38 Direct preparation of official correspondence | 90 |
| B30 Conduct or participate in staff meetings | 90 |
| A21 Plan or conduct briefings | 90 |
| C92 Write staff studies, surveys, or special reports, other than training, inspection, or SAV reports | 80 |
| A19 Plan AGE support of special missions, war plans, or training exercises | 70 |
| B29 Compile information for reports or staff studies | 70 |
| C68 Evaluate disaster preparedness plans | 70 |
| A25 Review unit emergency or disaster plans | 60 |
| B32 Coordinate support requests with base service agencies | 60 |
| C66 Evaluate alert or emergency procedures | 50 |
| B48 Interpret policies, directives, or procedures for subordinates | 50 |
| B36 Direct maintenance of administrative files | 50 |
| E156 Maintain status boards, graphs, or charts | 40 |
| C60 Complete self-inspection reports | 40 |
| A9 Develop work methods or procedures | 40 |
| E154 Maintain plans, schedules, or supply computer files | 40 |
| B39 Direct special projects or special duty activities | 40 |
| A14 Establish performance standards | 40 |
| B34 Direct development or maintenance of status boards, graphs, or charts | 40 |
| C78 Evaluate safety or security programs, other than AFOSH | 40 |
| A24 Plan standardization programs | 30 |
| C69 Evaluate inspection reports or procedures | 30 |
| A13 Establish organizational policies, office instructions (OIs), or standard operating procedures (SOPs) | 30 |
| B37 Direct maintenance or utilization of equipment, supplies, or workspace | 30 |
| A6 Determine or establish work priorities | 30 |

TABLE A15

ENVIRONMENTAL MANAGER
NUMBER OF MEMBERS: 11
(STG442)

| TASKS | PERCENT MEMBERS PERFORMING |
|--|----------------------------------|
| B42 Implement EPA programs | 100 |
| E160 Monitor collection and disposal of hazardous waste materials | 100 |
| C73 Evaluate personnel compliance with EPA program standards | 100 |
| B35 Direct Environmental Protection Agency (EPA) programs | 91 |
| B52 Review EPA programs | 91 |
| E157 Mark hazardous or dangerous material containers | 82 |
| E127 Coordinate disposal of hazardous or dangerous materials with action agencies | 82 |
| C71 Evaluate job hazards or compliance with Air Force Occupational Safety and Health (AFOSH) Program standards | 73 |
| B44 Implement safety or security programs | 55 |
| B30 Conduct or participate in staff meetings | 73 |
| A21 Plan or conduct briefings | 73 |
| B49 Inventory equipment or supplies | 45 |
| A18 Monitor shelf-life programs | 55 |
| B48 Interpret policies, directives, or procedures for subordinates | 55 |
| B38 Direct preparation of official correspondence | 45 |
| B29 Compile information for reports or staff studies | 55 |
| B39 Direct special projects or special duty activities | 45 |
| A23 Plan safety or security programs | 45 |
| E167 Research national stock or part numbers | 55 |
| A25 Review unit emergency or disaster plans | 55 |
| B32 Coordinate support requests with base service agencies | 45 |
| C78 Evaluate safety or security programs, other than AFOSH | 27 |
| A17 Monitor precious metal recovery programs | 45 |
| A27 Schedule personnel for schools, temporary duty (TDY), or nontechnical training | 36 |
| A9 Develop work methods or procedures | 36 |
| C85 Inspect cleanliness of work area | 27 |
| R843 Monitor AGE fuel usage | 18 |
| C60 Complete self-inspection reports | 36 |